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TO: The College Community

FROM: Dr. James M. Keane, Vice President of Academic Affairs

SUBJECT: Academic Matters - November 14, 2023

DATE: November 20, 2023

Emergency approval is being given to the following academic matters presented at the November 14, 2023 meeting of the Learning Council.

School of Healthcare

1. New Course: NUR 185 Fundamentals Bridge Topics

a. Effective date: Fall 2023

b. Course description (as it will appear in catalog):

NUR 185 Fundamentals Bridge Topics

This course provides an introduction to the role of the nurse in the health care system. Nursing Theory, Maslow's Hierarchy of Needs, and Erikson's Stages of Psychosocial Development are introduced and utilized as organizing frameworks. Students also learn the concept of therapeutic self-care demands. Students participate in nursing laboratory and clinical/simulation experiences to review nursing skills. Students develop basic communication skills to promote effective relationships with diverse patients, families, and members of the health team. Successful completion of this one-credit course with a "C+" or higher is required.

Credits: 1

Prerequisite: Equivalent fundamentals of nursing course or appropriate credentialing, BIO 111 with a grade of "C" or higher, BIO 112 with a grade of "C" or higher, ENG 101, PSY 101 Semester Offered: F/IN/SU

- 2. Course Revision: DAS 153 Dental Assisting Clinical Practicum
 - a. Effective date: Fall 2024b. Change to prerequisite
 - c. See grids on pages: 27, 29
 - d. Course description (as it will appear in catalog):

DAS 153 Dental Assisting Clinical Practicum

In the setting of a general dental office, during hours of rotation, students will apply the skills and knowledge acquired in the classroom by competently performing dental assisting functions including participating in four-handed chairside techniques and related dental assisting procedures. Students are responsible for recruiting patients to participate in full-mouth radiographic series.

Credits: 2

Prerequisite: DAS 101 with a grade of "C" or higher, DAS 102 with a grade of "C" or higher, DAS 151 with a grade of "C" or higher, DHY 125 with a grade of "C" or higher, DHY 131 with a grade of "C" or higher, DHY 241 with a grade of "C" or higher

Semester Offered: IN

School of Business, Engineering & Technology

3. Course Revision: ELM 260 Industrial Robotics

a. Effective date: Fall 2024b. Revision to prerequisitec. See grids on pages: 34, 36

d. Course description (as it will appear in catalog):

ELM 260 Industrial Robotics

This course is an introduction to robotics as used in modern industry. Students explore coordinate systems, control systems, drive systems, and various methods of programming. In the laboratory, students complete a series of projects that require them to program robots to perform a variety of work cell tasks. Students practice industrial robot safety at all times. Students completing this course receive Fanuc CERT Certification, an internationally recognized robotics certification.

Credits: 4

Prerequisite: ELT 121 or MNT 115

Semester Offered: F/S

Note: Three hours lecture, three hours laboratory

4. Course Revision: CST 231 Internetworking Principles and Protocols

a. Effective date: Fall 2024

b. Revision to course description wording, prerequisite, and semester offered

c. See grids on pages: 41, 43, 45, 47, 48,49,50
d. Course description (as it will appear in catalog):

CST 231 Internetworking Principles and Protocols

This course presents a detailed overview of the implementation of the Transmission Control Protocol/Internet Protocol (TCP/IP) suite, including security protocols. It prepares students with the necessary concepts and skills needed to configure, manage, and troubleshoot the TCP/IP environment. Upon completion of the course, students are able to configure TCP/IP clients and resources, configure and manage TCP/IP services, and troubleshoot network problems using TCP/IP utilities.

Credits: 3

Corequisite: CSC 234 Semester Offered: F/S

Note: Two hours lecture, three hours laboratory

- 5. Course Revision: CSC 101 Introduction to Programming Using Python
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. See grids on pages: 54,56,58,60,61
 - d. Course description (as it will appear in catalog):

CSC 101 Introduction to Programming Using Python

This course introduces analytical thinking and problem solving using the Python programming language. Python is a modern language popular in many scientific and engineering disciplines. Students learn key concepts that help them learn how to work with data in their disciplines. This course covers basic logic operations, creating reusable and generic functions, and the use of data structures to represent the components of a problem. Topics include control structures, iterators, functions, and basic data structures, such as list, dictionary, file, etc., which are common in many programming languages. Students implement, comment, test, and debug programs through class assignments.

Credits: 3

Prerequisite: MAT 095 with a grade of "C" or higher or appropriate placement score

Semester Offered: F

6. Course Revision: IMD 121 Graphic Design I

a. Effective date: Fall 2024

b. Revision to course description wording

c. Course description (as it will appear in catalog):

IMD 121 Graphic Design I

This course introduces fundamentals of design and use of design principles to create forms of graphic communication. It emphasizes problem solving by design, visualization of problems and their solutions, and correlation between forms and their content, function, and context. Students study advertising and related interactive media and create solutions to design problems.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

7. Course Revision: IMD 122 Graphic Design II

a. Effective date: Fall 2024

b. Revision to course description wording

c. Course description (as it will appear in catalog):

IMD 122 Graphic Design II

This course builds on the foundation of IMD 121. Topics include effective branding techniques using innovative layout and typography effectively in design; visualizing communication problems and solutions; and the correlation between type forms and content, function, and context. Students expand their understanding of the relationship between formal design and the components of layout, photography, illustration, 3D package design and presentation.

Credits: 3

Prerequisite: IMD 121 Semester Offered: S

- 8. Course Revision: IMD 161 Digital Photography
 - a. Effective date: Fall 2024
 - b. Revision to course description wording
 - c. Course description (as it will appear in catalog):

IMD 161 Digital Photography

This course covers the digital camera, including the artistic, theoretical, technical, and career aspects of photography. Students learn the relationship between the key features of light, composition, film usage, computer manipulation, scanning, resolution, and the final digital print. Students learn how to use the controls of any digital camera; use computer technology to scan, digitize, and manipulate images; and prepare images for professional display.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

- 9. Course Revision: IMD 222 Publication Design
 - a. Effective date: Fall 2024
 - b. Revision to course description wording
 - c. Course description (as it will appear in catalog):

IMD 222 Publication Design

This course examines the fundamentals of publication design with emphasis on the maintenance of visual continuity for publication. It covers the research, development, organization, and visual presentation of complex printed documents. Comprehensive aspects of design, content and image are addressed.

Credits: 3

Prerequisite: IMD 115, IMD 122

Semester Offered: F

- 10. Course Revision: IMD 286 Interactive Media Processes Portfolio
 - a. Effective date: Fall 2024
 - b. Revision to course description wording
 - c. Course description (as it will appear in catalog):

IMD 286 Interactive Media Processes Portfolio

This capstone course provides an opportunity for students to apply knowledge and demonstrate skills acquired throughout their time in the IMD program, and covers advanced concepts and processes of UI and UX. Students will design and present a professional quality portfolio using interactive media applications based on industry standards. Emphasis is placed on the relationship between technical, creative, and critical thinking skills. Each student prepares a body of his/her/their best work for final evaluation via website, video, PDF, and mobile app.

Credits: 4

Prerequisite: IMD 275 Semester Offered: S Note: Four hours lecture

11. Course Revision: ELT 120 Introduction to Photonics

a. Effective date: Fall 2023b. Revision to prerequisitec. See grids on pages: 80,82

d. Course description (as it will appear in catalog):

ELT 120 Introduction to Photonics

This course provides students with an introduction to the fundamentals of optics, including the nature of light, light sources, and light propagation and interaction with matter in terms of geometrical optics and physical (wave) optics. This course gives students the opportunity to learn how to apply the principles of optics in a laboratory setting to conduct experiments and solve real world problems.

Credits: 4

Prerequisite: Placement into college level English, MAT 095 with a grade of "C" or higher or appropriate placement score

Semester Offered: F

Note: Three hours lecture, three hours laboratory

- 12. Course Revisions: IMG 100 Drawing the Human Form / IMG 101 Fundamentals of Game Design and Development / IMG 102 Introduction to Game Design
 - a. Effective date: Fall 2024b. Revision to prerequisite
 - c. Revision to semester offered (IMG 100 only)
 - d. See grid on page:
 - e. Course descriptions (as they will appear in catalog):

IMG 100 Drawing the Human Form

This course provides the student with specific drawing media experiences to build basic perceptual skills in terms of drawing from the human figure. Students review basic knowledge of the elements of art: line, value, shape/volume, texture and color to lead to manipulation for different types of spatial illusion and expressive meaning including the study of proportion, light, shade and simple anatomy to develop an understanding of the human figure. A variety of traditional and digital imaging tools and materials are explored. Digital assignments are completed using industry-standard software and hardware.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F/S

Note: Due to the use of live models, students enrolled in this course must be 18 years of age or older; a release form is available for those under 18 years who plan to enroll

IMG 101 Fundamentals of Game Design and Development

This course introduces the fundamentals of electronic game design and development. It covers the history and evolution of games, the production process and current issues and practices in the game development industry including business and technical perspectives. Topics include the design process, marketing, and the application of interactive communication.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

IMG 102 Introduction to Game Design

This course provides students an overview of the theoretical, aesthetic, and practical elements of game design pre-production. Through a series of creative exercises, lectures, and classroom critiques, students will gain an understanding of the fundamental skills required in character development, storyboarding, scripting, creation strategies, camera angles, lighting, and editing game design pre-production for a variety of purposes and audiences. Assignments are completed using industry-standard software and hardware.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S/SU

- 13. Course Revision: IMG 272 3D Modeling for Game Design
 - a. Effective date: Fall 2024b. Revision to prerequisite
 - c. See grid on page: _
 - d. Course description (as it will appear in catalog):

IMG 272 3D Modeling for Game Design

This course covers the principles and techniques involved in creating three-dimensional media for Game Design. Students will learn the step-by-step processes of 3D modeling including NURBS, polygons, subdivisions, environments, and character development using sophisticated industry-level 3D modeling software. Students acquire skills in texture design, mapping, cameras, lighting, scene set up and rendering.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

- 14. Course Revision: ACC 101 Financial Accounting I
 - a. Effective date: Fall 2023
 - b. Revision to prerequisite
 - c. See grids on pages: __
 - d. Course description (as it will appear in catalog):

ACC 101 Financial Accounting I

This course focuses on the relationships between business activities and events and the impact they have on financial statements from a preparer perspective. Students study financial transactions for both service and merchandising businesses and relate the transactions to a company's assets, liabilities, owners' equity, revenues, and expenses. Areas of study include the basic accounting model, the process of the accounting cycle, accounting principles and terminology, financial statement preparation, analytics, and computerized accounting applications.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F/S/SU

- 15. Course Revision: ACC 225 Volunteer Income Tax Assistance, VITA Practicum
 - a. Effective date: Fall 2023
 - b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

ACC 225 Volunteer Income Tax Assistance, VITA Practicum

This course introduces students to concepts and language of IRS and taxation while preparing federal and state taxes within their community for low-income individuals.

Credits: 4

Prerequisite: CIS 111, Placement into college level English

Semester Offered: S

16. Course Revision: FIN 111 Personal Financing Planning

a. Effective date: Fall 2023

- b. Revision to prerequisite
- c. See grid on page:
- d. Course description (as it will appear in catalog):

FIN 111 Personal Financing Planning

This course examines the tools, terminology, and applications necessary to successfully manage financial matters in our daily lives. Topics include the personal financial planning process, career strategies, money management, personal taxation, financial institution services, and consumer credit. Evaluation techniques related to housing, transportation, insurance, investments, real estate, and retirement planning are also covered.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F/S

- 17. Course Revision: FIN 221 The Stock Market and Investments
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

FIN 221 The Stock Market and Investments

This course provides an introduction to financial investments and the stock markets. Students study the purposes and history of the stock markets and the primary investments they control including stocks, bonds, and mutual funds.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S

- 18. Course Revision: FIN 250 Principles of Finance
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

FIN 250 Principles of Finance

This course covers the principles and practices of financial management that are used in business. Topics examined include acquisition of funds, cash flow, financial analysis, capital budgeting, working capital requirements, and capital structure.

Credits: 3

Prerequisite: ACC 101, Placement into college level English, MAT 095 with a grade of "C" or higher or appropriate placement score

Semester Offered: F/S

- 19. Course Revision: LOG 105 Introduction to Business Logistics
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. See grid on page:
 - d. Course description (as it will appear in catalog):

LOG 105 Introduction to Business Logistics

This course provides students with an understanding of the key functional areas of logistics, including transportation, distribution, warehousing, and inventory management. The course explores how these functions interact, their importance to the overall organization, and the major cost components within each area. The course introduces many potential career opportunities available in this field.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

- 20. Course Revision: LOG 106 Transportation Management
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

LOG 106 Transportation Management

This course provides students with an understanding of the field of transportation management, which is responsible for the movement of raw materials and finished products throughout the supply chain. The course explores the various modes of freight transportation, the economic fundamentals underlying each, and how each mode might fit into a company's overall logistics strategy. During the course, students are introduced to the many potential career opportunities available in transportation management.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S

- 21. Course Revision: LOG 107 Warehouse and Inventory Management
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

LOG 107 Warehouse and Inventory Management

This course provides students with a practical understanding of warehousing and inventory management, including the important role that these functions perform within the supply chain. The course explores topics including warehouse design, storage and material handling processes, performance management and inventory control techniques. The course also examines the interaction between warehousing/inventory management and other facets of the supply chain, including transportation and customer service.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S

- 22. Course Revision: LOG 208 Purchasing and Supply Management
 - a. Effective date: Fall 2023b. Revision to prerequisite
 - c. Course description (as it will appear in catalog):

LOG 208 Purchasing and Supply Management

This course provides students with an understanding of purchasing and supply management, which is an essential part of most supply chains. The course explores the sourcing and bidding process, the legal and contractual aspects of procurement, and how the purchasing function is an integral part of an organization. During the course, students are introduced to the many potential career opportunities available in purchasing and supply management.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S

- 23. Degree Revision: Interactive Media Digital Design (Program Code: IMDD)
 - a. Effective date: Fall 2024
 - b. Revision to curriculum
 - In Semester 2, remove IMD 171, and replace with IMD 105
 - In Semester 4, remove IMD 287 (4 credits), and replace with IMD Strategic Elective (3 credits)
 - In Semester 4, update Semester Milestones, accordingly, with list of specific Elective options for IMD Strategic Elective
 - Update Total Semester Credits in Semester 4, and update Total Credits Required, accordingly
 - c. See grid on page:
- 24. Degree Revision: Business Administration Career Administrative Professional Option (Program Code: BBAP)
 - a. Effective date: Fall 2024b. Revision to curriculum

- In Semester 2, remove Mathematics Elective, and replace with MAT 103
- Update Semester 2 Milestones, accordingly
- c. See grid on page: ____
- 25. Certificate Revision: Culinary Arts Certificate (Program Code: CAC)
 - a. Effective date: Spring 2024 (by emergency approval); Fall 2024 in catalog
 - b. Revision to curriculum
 - In Semester 2, add HRM 111 as an alternative option to CUL 111 and CUL 112, and update Semester Milestones, accordingly
 - In Semester 3, add HRM 112 as an alternative option to CUL 113 and CUL 114, and update Semester Milestones, accordingly
 - c. See grid on page: ____
- 26. Certificate Revision: Manufacturing Technology Certificate (Program Code: MPC)
 - a. Effective date: Effective immediately (change was already reflected in the 2023-2024 Catalog but was previously missed in the formal governance approval process)
 - b. Revision to curriculum
 - In Semester 2, remove MAT 108 (course is retired) as the alternative option to MAT 100
 - In Semester 2, add MAT 147 as the alternative option to MAT 100
 - c. See grid on page: ____

2023 - 2024 Quinsigamond Community College

Proposal Form for New Course

| 1. | Course Number and Name: NUR 185 | 5 Fundamentals Bridge Topics | |
|-----|----------------------------------------------|------------------------------|------------------|
| 2. | Originator: Professor Patricia Creelma | an, Chair of Nurse Education | Date: 10/05/2023 |
| 3. | School Dean: Pat Schmohl | | Date: 10/05/2023 |
| 4. | Effective Date: Fall 2023 (Emergency | / Approval Needed) | |
| 5. | Reviewed by Program and Process (i | if applicable): NA | Date: |
| 6. | Recommended by the School of: Heat Comments: | althcare | Date: |
| 7. | AA Leadership Team: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: | Not Approved: | |

2023 - 2024 Quinsigamond Community College

Proposal Form for New Course

| Course Discipline/Department: NUR | School: Healthcare | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|--|--|
| Course Number: NUR 185 | | | | |
| Course Name: Fundamentals Bridge Topics | | | | |
| Prerequisites and/or corequisites (confer with affected | d department coordinator): | | | |
| | , aspanins | | | |
| Prerequisite: Equivalent fundamentals of nursing could | rse or appropriate credentialing, BIO 111 with a grade of | | | |
| "C" or higher, BIO 112 with a grade of "C" or higher, E | | | | |
| Co-requisites: none | | | | |
| CIP code (check with IRaP Office): | | | | |
| | be readmitted into nursing evening program. Classes | | | |
| start on January 2, 2024) | | | | |
| | te whether this course replaces another course. Is the | | | |
| course transferable? | | | | |
| course transferable. | | | | |
| Because of the approved governance change to the N | Nursing program curriculum, the revised first semester | | | |
| | edits. This is an additional credit from the former Nursing | | | |
| Fundamentals course (NUR 104) which carried 7 cred | | | | |
| curriculum plan, who had taken the previous NUR 10- | | | | |
| course will be required to make up for that one credit | | | | |
| Is the course content similar to other courses now off | | | | |
| If yes, attach a statement from the coordinator of the | | | | |
| Please indicate if this course will serve as any of the t | | | | |
| | one ning types of closures. | | | |
| Elective (any college level course can serve as a | n elective) | | | |
| Specific Type (indicate Business, Multiple Perspe | | | | |
| | Mathematics, Science, Lab Science, Social Science | | | |
| Foundational*, Literature, Philosophy or Language | | | | |
| x_ Program specific (name the program) Nursing | , | | | |
| *confer with the Liberal Arts Coordinator | | | | |
| Is this course required for a program? If yes, submit a separate DEGREE OR CERTIFICATE REVISION | | | | |
| PROPOSAL. If the course is required for a new progr | | | | |
| CERTIFICATE PROPOSAL. Please list all affected properties of the control of the c | | | | |
| γ | | | | |
| This revised curriculum plan has already been approve | red by the governance process and is published in the | | | |
| current 2023-2024 catalog. An articulation agreement will be created to reflect the equivalency of the former | | | | |
| NUR 104 course and the new NUR 185 bridge course to equal our new NUR 107 course. | | | | |
| Expected enrollment per term: limited to those Expected enrollment per year: 5-10 students. Will only | | | | |
| students reentering our program into the second be necessary for the next year until all students are | | | | |
| semester courses 5-10 students. under the revised curriculum plan. | | | | |
| Will any of the following be required: | | | | |
| | | | | |
| Additional staff: Yes Additional space: Yes Additional equipment: Yes Additional library resources: No | | | | |
| <u></u> | | | | |
| Provide a rationale for any needs indicated above and include approximate cost of equipment. | | | | |
| | | | | |
| Minimal space and equipment (nursing laboratory) will be needed for the offering of this course. DCE LOA | | | | |
| payment will be offered to faculty who teach this course. | | | | |
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Course Materials

General course description and prerequisites as it will appear in the college catalog (including **course** three letter designation and number, title, credits, semesters offered and prerequisites/corequisites):

NUR 185 Fundamentals Bridge Topics

This course provides an introduction to the role of the nurse in the health care system. Nursing Theory, Maslow's Hierarchy of Needs, and Erikson's Stages of Psychosocial Development are introduced and utilized as organizing frameworks. Students also learn the concept of therapeutic self-care demands. Students participate in nursing laboratory and clinical/simulation experiences to review nursing skills. Students develop basic communication skills to promote effective relationships with diverse patients, families, and members of the health team. Successful completion of this one-credit course with a "C+" or higher is required.

Credits: 1

Prerequisite: Equivalent fundamentals of nursing course or appropriate credentialing, BIO 111 with a grade of "C" or higher, BIO 112 with a grade of "C" or higher, ENG 101, PSY 101 Semester Offered: F/IN/SU

| Lecture Hours: 4.5 student contact lecture hours | Lab Hours: 7.5 student contact lab hours | Clinic Hours: 24 student contact clinical simulation |
|--------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
| Didactic Credit to contact hour ratio: 1:15 | Lab/Clinical Credit to contact hour ratio: 1:45 | Lab/Clinical Credit to contact hour ratio: 1:45 |
| Lecture Credits: 0.30 credits | Lab Credits: 0.17 credits | Clinical Credits: 0.53 credits |

Purpose of the course:

This course is designed to bridge the gap between the former NUR 104 Fundamentals of Nursing course and the revised NUR 107 Fundamentals of Nursing course for students entering the second semester NUR 108 course.

Provide the following course information selected from the E-2 checklist for course materials. Provide your dean with a syllabus that includes all of the checklist course materials.

- All required course readings (whether written or electronic), including information on publisher and edition used or website address or link
- Student Learning Outcomes (list)
- Teaching procedures (briefly describe)
- Course topics and/or assignments and/or required and/or supplemental reading
- Tentative test schedule/assignment(s) schedule
- Basis for student grading and calculation of final grade as well as criteria for evaluating student performance

How does the course support general education? Using the chart below, indicate the degree or level of connection between the course and outcome as indicated here.

I – Introductory/Background: There is an indirect relationship between the course and the outcome. The outcome itself is not the focus of the course but at least one element of the course serves as a building block to the achievement of the final outcome. For example, course elements may provide the knowledge, skills or attitudes necessary for the ultimate achievement of the outcome.

M – Intermediate/Transitional: There is more of a direct relationship between the course and the outcome than Introductory. A mixture of course elements supports the final achievement of the outcome, but the final integration of knowledge, skills and attitudes necessary for its achievement is not accomplished in this course. For example, knowledge, skills and/or attitudes (at least 2 of the 3) required for achievement of the outcome may be the focus of the course or course element, but the integration of all three is not.

E – Emphasized: There is a direct relationship between the course and the outcome. At least one element of the course focuses specifically on the complex integration of knowledge, skills and attitudes necessary to perform the outcome. **NA** – Not Applicable: This is not a learning outcome for this course.

| I, M, E, NA |
|-------------|
| N/A |
| |
| M |
| |
| M |
| |
| |
| M |
| |
| M |
| |
| |

(Gen. Ed. Goals adopted 2022).

**CIVIC LITERACY

If civic learning or civic literacy is a component of this course (within the course description, course topics and/or student learning outcomes), please consult the "Guide for Designating Civic Learning Courses" from the Department of Higher Education, available on Frequently Used Forms (with the other Academic Governance Forms). Utilizing the DHE definitions, please indicate whether this course can be designated as one of the following:

| Civic Learning (CL) |
|----------------------------------------------------------|
| Civic Learning with Engagement Required (CLER) |
| Civic Learning with Engagement Optional (CLEO) |
| X_ Civic Learning is not a component of this course (NA) |

QUINSIGAMOND COMMUNITY COLLEGE Nurse Education Department

NUR 185
Fundamentals Bridge Topics

Syllabus

2023-2024

Academic Calendar Link: http://www.qcc.edu/calendar

You are advised to retain a copy of this syllabus in your personal files for use when applying for future degrees, certifications, or transfer of credit.

QUINSIGAMOND COMMUNITY COLLEGE

NURSE EDUCATION PROGRAM

NUR 185

I. Course Description

1 credit

This course provides an introduction to the role of the nurse in the health care system. Nursing Theory, Maslow's Hierarchy of Needs, and Erikson's Stages of Psychosocial Development are introduced and utilized as organizing frameworks. Students also learn the concept of therapeutic self-care demands. Students participate in nursing laboratory and clinical/simulation experiences to review nursing skills. Students develop basic communication skills to promote effective relationships with diverse patients, families, and members of the health team. Successful completion of this one-credit course with a "C+" or higher is required.

Prerequisite: Equivalent fundamentals of nursing course or appropriate credentialing, BIO 111 with a grade of "C" or higher, BIO 112 with a grade of "C" or higher, ENG 101, PSY 101

Co requisites: none

Purpose of the course: This course is designed to bridge the gap between the former NUR 104 Fundamentals of Nursing course and the revised NUR 107 Fundamentals of Nursing course for students entering the second semester NUR 108 course.

II. Course Outcomes

At the completion of the course the student will:

- 1. Identify Orem's self-care model when describing the physical, emotional, and social influences that affect selected individual patients, families, and groups. (Nursing process/Theory).
- 2. Describe Erikson's developmental theory as applied to delivery of patient care (Nursing process/Theory).
- 3. Utilize clinical judgment guided by evidence-based practice and its influence on health care delivery (Nursing Judgment/Quality and Safety)
- 4. Use information technology for basic communication and documentation skills to interact effectively with patients and members of the health team. (Teamwork/Collaboration, Communication)
- 5. Demonstrate basic lab skills that integrate nursing science based on current evidence when providing safe, quality care, and promoting health in patients and families. (Nursing Judgment)
- 6. Coordinate care to identify caring interventions for assigned patients in the clinical setting that are compassionate, nurturing, protective, therapeutic, and respectful. (Caring)
- 7. Employ relationship centered care that considers diversity, equity and inclusion. (Relationship centered care/Human Flourishing and Diversity)

III. Curriculum Design

Unit I: Intro to QCC Nursing, Theoretical Foundations, and Evidence-Based Practice

Unit II Orem Requisite: Prevention of Hazards to Life Function and Well Being

- Medication Administration and Dosage Calculations

Total Course Hours: Lecture 4.5 hours, lab 7.5 hours, clinical/simulation 24 hours

Didactic Credit to Contact Ratio: 1:1

Lab/Clinical Credit to Contact Ratio: 1:3

Placement: 2023-2024

IV. Course Requirements

- 1. Students are held accountable to all policies identified in the QCC Nursing Student Handbook and the QCC Student Handbook. Students are to complete and submit the required signature page in the QCC Nursing Student Handbook.
- 2. Complete assigned readings and written assignments as designated by faculty
- 3. Attend and participate in class, lab, and clinical experiences.
- 4. Take all tests as assigned
- 5. Must pass Math Competency test within 3 attempts (math with 80% or better).
- 6. At the completion of the course, receive a minimum course grade of 77.
- 7. Review information posted on Blackboard at least three times a week.
- 8. Complete course and lab evaluations

V. Methods of Instruction

Lecture, discussion, critical thinking exercises, case study assignments, discussion posts, laboratory demonstration and practice, textbook/handbooks as applicable. These educational modalities will be delivered in person. Faculty encourages the use of supplemental study tools available online. *Please see student handbook regarding modalities of instruction.

VI. Methods of Evaluation

Achievement of course objectives is measured by written examinations, written assignment, competency testing and clinical evaluation.

| Math Competency Test (must obtain 80% or better within | 5% (first attempt grade) |
|--------------------------------------------------------|--------------------------|
| three attempts) | |
| Written Assignment: Discussion post as assigned | 30% |
| 2 posts at 15% each | |
| Final Examination | 50% |
| Safe Medicate assignment | 15% |
| *Lab Performance | Pass/Fail |
| Clinical performance | Pass/Fail |

*Students must first pass math competency to have their course grade calculated.

Nursing Math Competencies: Must be completed and passed by the designated deadline dates. Each student will be given three (3) attempts to pass math competency. Failure to pass on the third attempt will result in a course failure. Regardless of a student's achievement level on written tests and exams, failure in competencies results in a course grade of "F".

Clinical Performance

Refer to student handbook for clinical policies.

Must complete all assigned work and clinical assignments, including:

- 2 Concept maps
- 1 Clinical exercise

Regardless of a student's achievement level on written tests and exams, failure in clinical results in a course grade of "F".

Coursework Difficulties

Please discuss any issues that you are having in completing the coursework on time with faculty, who are available to talk this over with you by appointment. If you are unable to complete the coursework during the semester due to some catastrophic issue, you must contact faculty immediately to discuss your options.

VII. Other Policies

A. Student (Disabilities) Accessibility Statement

Quinsigamond Community College is committed to providing access and inclusion for all persons with disabilities. Students who require an accommodation in this course should notify the professor as soon as possible. Students are responsible for forwarding the Accommodation Letter to the professor (via email or hard copy). Students may request accommodations at any time during the semester, which begin upon receipt (accommodations are not retroactive). Please discuss any barriers which may arise during the semester with your Professor or Coordinator in the Student Accessibility Services office.

Contact Information for Student Accessibility Services and Assistive Technology:

Refer to the Associate Degree Program Nursing Student Handbook and QCC Student Handbook

Call: 508-854-4471

Sorenson Video Phone: 508-502-7647 Email: <u>disabilityservices@qcc.mass.edu</u>

Religious Accommodations

Students who are requesting religious accommodations must notify the faculty prior to the start of classes/clinical of any potential scheduling conflicts. The faculty will make efforts to provide a reasonable accommodation of a student's sincerely-held religious belief.

B. Guidelines for Taking Examinations

See policy in Nurse Education student handbook

C. Computerized testing through Black Board Learn

See policy in Nurse Education student handbook

D. Exam Reviews

See policy in Nurse Education student handbook

E. Attendance Policy

Refer to the Nursing Department Student Handbook and the Quinsigamond Community College Student Handbook for policies regarding attendance, snow days, and other pertinent information.

F. Grading System

The college grading system will be used in computing grades.

| A | = | 95-100 | C | = | 73-76 |
|----|---|--------|----|---|--------------|
| A- | = | 90-94 | C- | = | 70-72 |
| B+ | = | 87-89 | D+ | = | 67-69 |
| В | = | 83-86 | D | = | 63-66 |
| B- | = | 80-82 | D- | = | 60-62 |
| C+ | = | 77-79 | F | = | less than 60 |

H. <u>Unofficial</u> grades for exams and final may be posted on the Q. Please note that official grades are issued by the Registrar.

I. Classroom Etiquette

It is expected that all members of the class are respectful of each other and the learning environment. The QCC Task Force developed the following classroom etiquette guidelines in order to provide faculty and students with a positive and respectful learning environment and to foster teaching and learning. The faculty believes the implementation of these guidelines will create a positive atmosphere and promote honesty and integrity in the classroom. Students are expected to:

- 1. Attend scheduled classes on time and prepared.
- 2. Remain alert throughout the entire instructional period.
- 4. Be respectful of opposing opinions; use respectful language throughout the instructional period.
- 5. Do not interrupt a faculty member or other students when they are speaking.
- 6. Address student specific concerns prior to or after the instructional period.
- 7. Receive the faculty's permission prior to using cell phones, laptops, or other electronic equipment.

J. Academic Honesty and Plagiarism

Our purpose in the classroom is to seek the truth; this work requires trust and honesty between teacher and student. If we are not honest about what we know and don't know, our learning will always be impaired. Because our teaching and learning depends on this honest communication, we expect all students to understand what plagiarism is and why it is unacceptable.

Plagiarism means taking someone else's ideas or words and presenting them as one's own. The offense can take many forms including cheating on a test, passing in a paper taken from the Internet or from another student, or failing to properly use and credit sources in an essay. Additionally, any re-submission of one's own work or recycling of previous published materials is defined as self-plagiarism and is unacceptable. Sometimes the issue is subtle, involving getting too much help on an assignment from someone else. In every instance, plagiarism means cheating both oneself and the owner of the source. Since the cheating sabotages a student's learning experience, consequences range from no credit for the assignment to failure for the course and possible expulsion from the college.

Any student considering plagiarism should recognize the consequences and consider alternatives. Students uncertain about what constitutes plagiarism may request help from faculty or from appropriate college services.

Student Code of Conduct

Students are required to adhere to the Student Code of Conduct delineated in the Quinsigamond Community College website and Student Handbook. http://www.qcc.edu/handbook

K. Student Support Services

QCC offers a range of student support services including Academic Advising, Student Success Center, Math Center, Health & Wellness, Library, and Writing Center. Visit the QCC website for more information: http://www.qcc.edu/services

QCC is proud to support veterans. If you are a veteran of the armed forces, please visit the Veteran Affairs Office located in 125A (Administration Building) or contact them at veteranaffairs@qcc.mass.edu or call 508-854-4290.

VIII. Teaching Personnel

| Faculty | Office | Phone | Email |
|-------------|--------|-------|-------|
| Faculty TBA | | | |

<u>Full Time Faculty Office Hours</u> are posted outside their offices and faculty request that students honor Faculty Office hours and make appointments during those times. Upon request, appointment times may be negotiated.

Communication: Throughout the semester, faculty will communicate with you via either Blackboard Announcements and/or your Qmail account. Please review the following link for assistance on using your email account: http://www.qcc.edu/help/email. Faculty will try to respond to emails within 48 business hours.

IX. Textbooks and Technology Requirements

Technology Requirements: see AD Nursing Student Handbook

Required Books:

*Required:

SafeMedicate for dosage calculations – see attached handout for purchasing instructions through the SafeMedicate.net website

Taylor, C., Lynn, P., & Bartlett, J.L. (2022). *Skill checklists for fundamentals of nursing: The art and science of person-centered nursing care* (10th ed.). Wolters Kluwer.

CLASS and LAB SCHEDULE

| Class/ Lab | Date | Topics |
|--------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Class 1 2 hours TBA | ??? | Syllabus review and intro to course Intro to Blackboard and technology review |
| | | Unit I Fundamental Principles promoting Normalcy I A Nursing process |
| | | I B Assessment |
| | | -Nursing process review |
| | | -Care coordination -Diversity, Equity and Inclusion |
| | | Discussion post |
| Lab 1 | ??? | Safe medicate exercises |
| 4 hours | | Physical Assessment and Vital Signs review |
| Class 2 | ??? | Unit I Fundamental Principles promoting Normalcy |
| 1 hours | | I C Teaching and Learning |
| TBA | | -Health Literacy I D Teaching and Learning |
| | | -Information Literacy and documentation |
| | | Discussion post |
| Lab 2 3.5 hours | ???? | Unit II Orem Requisite: Prevention of Hazards to Life Function and Well Being - Medication Administration and Dosage Calculations - Taylor Lab Skills: 29-1, 29-2, 29-3, 29-4, 29-5, 29-6, 29-7 |
| | | Medication performance |
| | | Sterile Technique performance |
| | | Math competency test |
| | | Content review as needed |
| Clinical / | ???? | Clinical simulation and math competency re-test |
| Simulation experience 24 hours | | Clinical at long term care facility |
| Class 3 | ?? | Final exam |
| 1.5 hours | | Completion of course evaluations |

Unit I: OREM REQUISITE I: FUNDAMENTAL PRINCIPLES PROMOTING NORMALCY

OREM NURSING PROCESS

- A. Learning Outcomes: At the conclusion of this unit, the student will:
 - 1. Describe skills and attitudes of a critical thinker.
 - 2. Discuss the relationship between critical thinking, clinical judgment, nursing process, and decision making.
 - 3. Describe the steps of the nursing process.
 - 4. Identify major activities occurring within each step of the nursing process.
 - 5. Describe the role of the nurse in providing continuity of care
 - 6. Discuss examples of how diversity affects health and illness care for patients
 - 7. Explain the concepts of equity and inclusion

| CONTENT | LEARNING ACTIVITY | EVALUATION |
|-----------------------------------------------|---------------------|------------------------|
| The Nursing Process. | Lecture/discussion | Unit exam |
| Subjective and Objective data. | Assigned readings | Clinical assignment |
| Formulation of plan of care/outcome criteria. | Video | Clinical |
| Implementation of plan of care. | Case study | Performance Evaluation |
| Methods of Assisting/Nursing interventions. | Clinical assignment | |
| Evaluation/re-planning. | Lab practice | |
| Clinical judgment | _ | |
| Care coordination | Discussion posts | |
| Diversity, equity and inclusion | | |

OREM ASSESSMENT

- B. Learning Outcomes: At the conclusion of this unit, the student will:
 - 1. Identify key terms and medical terminology related to health assessment.
 - 2. Identify components of a nursing health history.
 - 3. Identify expected outcomes of health assessment.
 - 4. Identify the steps in selected examination procedures.
 - 5. Consider the impact of age, cultural beliefs and practices when performing assessment.

| CONTENT | LEARNING ACTIVITY | EVALUATION |
|-----------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|
| History taking Physical assessment Health promotion | Assigned videos Computer- assisted learning activities Lab practice | Unit exam Clinical Performance Evaluation Skills Performance |

OREM TEACHING AND LEARNING

- C. Learning Outcomes: At the conclusion of this unit, the student will:
 - 1. Identify nursing diagnoses, outcomes, and interventions that reflect the learning needs of patients.
 - 2. List the essential aspects of a teaching plan.
 - 3. Discuss guidelines for effective teaching.
 - 4. Identify methods to evaluate learning.
 - 5. Discuss essential actions to promote health literacy

| CONTENT | LEARNING ACTIVITY | EVALUATION |
|-------------------------|---------------------|----------------------|
| Teaching/Learning | Lecture/Discussion | Unit Exam |
| Nursing Management for | Patient assessment | Clinical Performance |
| Patient Teaching | Clinical assignment | Evaluation |
| Documenting | Handouts | |
| Recording and reporting | | |
| Health literacy | Discussion post | |

OREM DOCUMENTATION

- D. Learning Outcomes: At the conclusion of this unit, the student will:
 - 1. Identify and discuss guidelines for effective recording that meets legal and ethical standards.
 - 2. Review abbreviations and symbols commonly used in charting.
 - 3. Describe the nurse's role in reporting, conferring, and making referrals.
 - 4. Compare and contrast different documentation methods.
 - 5. Identify essential guidelines for reporting patient data.

| CONTENT | LEARNING ACTIVITY | EVALUATION |
|--------------------------------|---------------------|---------------------------------|
| Documentation Systems | Lecture/Discussion | Unit Exam |
| Documenting Nursing Activities | Nursing notes | Clinical assignment |
| Long Term Care Documentation | Flow sheets | Clinical Performance Evaluation |
| Information literacy and | Clinical activities | |
| technology | | |
| General Guidelines for | | |
| Documentation and Reporting | | |
| Guidelines effective recording | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Unit II Orem Requisite: Prevention of Hazards to Life Function and Well Being *Medication Administration and Dosage Calculations*

Learning Outcomes: At the conclusion of this unit, the student will:

- 1. Identify information essential for safe medication administration.
- 2. Utilize the nursing process in administering medications safely.
- 3. Calculate medication dosages.
- 4. Administer medications safely by various routes in the laboratory setting.

| CONTENT | LEARNING ACTIVITY | EVALUATION |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Dosage calculations Administration of Medications – all routes except IV | Assigned readings Safe medicate assignment Dosage calculation exercises Lab skill practice | Test Questions Safe medicate assignment Math competency test |

2023 - 2024 Quinsigamond Community College

Proposal Form for Course Revision

1. Course Designation and Course Number: DAS 153 (from current AY 23/24 catalog) 2. Course Name/Title: Dental Assisting Clinical Practicum (from current AY 23/24 catalog) 3. Originator: Professor Jennifer McKeon, Coordinactor Dental Assisiting Date: 10/16/2023 School Dean: C. Pat Schmohl, Jr. Date: 10/17/2023 Effective Date: Fall 2024 (Catalog AY24-25) Reviewed by Program and Process (if applicable): N/A Date: 7. Recommended by the School of: Healthcare Date: _____ Comments: 8. AA Leadership Team: Date: Recommended: _____ Not Recommended: _____ Comments: 9. VP/Academic Affairs: Date: _____ Recommended: _____ Not Recommended: Comments: 10. Learning Council: _____ Date: _____ Recommended: _____ Not Recommended: _____ Comments:

Not Approved: _____

11. VP/Academic Affairs:

Approved:

Comments:

Date: _____

2023 - 2024 Quinsigamond Community College

Proposal Form for Course Revision

| Type of Revision (check all that apply): | |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Course Designation Course Number | |
| Credits _X_ Prerequisites Corequisites | Elective Type Semester Offered |
| Other (explain): Course Discipline/Department: Dental Assisting | School: Healthcare |
| Current Course Designation and Course Number: D | |
| Current Course Name/Title: Dental Assisting Clinica | |
| Current Course Description (as it appears in College | |
| number, course name/title, description wording, cred | |
| offered): | , |
| , | |
| DAS 153 Dental Assisting Clinical Practicum | |
| In the setting of a general dental office, during hours | |
| knowledge acquired in the classroom by competently | |
| participating in four-handed chairside techniques an | |
| responsible for recruiting patients to participate in fu | il-mouth radiographic series. |
| Credits: 2 Prerequisite: DAS 101 with a grade of "C" or high | har DAS 102 with a grade of "C" or higher DAS |
| | a grade of "C" or higher, DHY 241 with a grade of |
| "C" or higher | i grade of C. of higher, birt 241 with a grade of |
| Semester Offered: IN | |
| | ollege catalog - include course designation and course |
| | dits, prerequisites/corequisites, and semesters offered |
| - include all proposed changes): | |
| | |
| DAS 153 Dental Assisting Clinical Practicum | |
| In the setting of a general dental office, during hours | |
| knowledge acquired in the classroom by competently | |
| participating in four-handed chairside techniques an responsible for recruiting patients to participate in fu | |
| Credits: 2 | il-mouth radiographic series. |
| Prerequisite: DAS 101 with a grade of "C" or high | her, DAS 102 with a grade of "C" or higher, DAS |
| | a grade of "C" or higher, DHY 131 with a grade of |
| "C" or higher, DHY 241 with a grade of "C" or high | |
| Semester Offered: IN | |
| Rationale for the change: | |
| | |
| Adding summer course in case student petitions to r | |
| that all of these courses have been completed befor | |
| Provide a description of any change in course conte | nt: None st program names and program codes as they appear |
| in the College catalog). Confer with coordinator(s) or | |
| in the conege catalogy. Comer with coordinator(3) o | ancolod department(s). |
| Dental Assisting Certificate (Program Code: | DA) |
| Dental Assisting Certificate - Weekend Option | · |
| Attach current and proposed academic maps (with o | |
| programs (obtain current academic maps from Barb | |
| Submit generic syllabus to School Dean with all revi | |

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------|----------|--------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Seme | ester 1 (Su | mmer I & II) | | Apply and get accepted to this |
| Principles of Human Biology OR | BIO 100 | | | Placement into college level English | program (Program Code: DA). Register for and successfully complete all courses to graduate in four semesters. |
| Anatomy & Physiology II | BIO 112 | F/S/SU | 4 | BIO 111 | Contact Career Services (www.QCC.edu/APexams) to receive credit for High School (HS) Advanced Placement (AP) Exams. QCC School Code: 3714. Complete BIO 100 or BIO 111 and |
| Dental Anatomy (Summer II) | DHY 125 | SU | 1 | DA or DH students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, Placement into college level English | BIO 112 (Summer I) with grades of "C" or higher. Complete DHY 125 (Summer II) with a grade of "C" or higher. Complete ENG 101; or AP English/ |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Language and Composition, with AP Exam grade of "3" or higher, to count as ENG 101. Complete all program admissions requirements for DH program, if |
| | | Total | 8 | | applying to "Bridge" Semester 4. |
| | | Semester 2 | 2 (Fall) | | Meet with Academic Advisor to |
| Clinical Science I | DAS 101 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 102, DAS 151, DHY 131, DHY 241 | discuss associate degree (e.g., Program Code: DH, HCDH, etc.); or create an account on the QCC job board to search for internships, co- ops and jobs. |
| Dental Sciences | DAS 102 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 151, DHY 131, DHY 241 | Complete all DAS and DHY courses each semester with grades of "C" or higher. |
| Dental Assisting I | DAS 151 | F | 4 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 102, DHY 131, DHY 241 | |
| Dental Radiology | DHY 131 | F | 3 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101 | |
| Dental Materials | DHY 241 | F | 2 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher | |
| | Som | Total ester 3 (Int | 15 | | |
| Dental Assisting Clinical Practicum | DAS 153 | IN | 2 | DAS 101 and DAS 102 and DAS 151 and DHY 131 and DHY 241 with grades of "C" or higher | |
| | | Total | (Spring) | | Submit a "Pridge to DLI" application |
| Clinical Science II | DAS 105 | emester 4 | Spring) 4 | DAS 153 with a grade of "C" or higher, Coreq: DAS 111, DAS 124, DAS 155 | Submit a "Bridge to DH" application, or apply to associate degree (e.g., Program Code: HCDH, etc.); or if |
| Practice Management | DAS 111 | S | 3 | DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 124, DAS 155 | seeking employment, meet with Career Services for career |
| Introduction to Oral Pathology | DAS 124 | S | 1 | DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 111, DAS 155 | readiness preparation and to learn more about QCC's job board. |
| Dental Assisting II | DAS 155 | S Total | 6 14 | DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 111, DAS 124 | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Total Credits R | Required | I Olai | 39 | | |
| Total Gredits N | equil cu | | - 33 | | |

PROPOSED

| Course Title Course # Offered Course Semester 1 (Summer I & II) Apply and get accepted to the program (Program Code: DA Apply and get accepted to the program (Program Code: DA Semester 1 (Summer I & II) | A). Y | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--|
| Principles of Human Biology OR BIO 100 F/S/SU 4 F/S/SU 4 BIO 111 BIO 112 BIO 111 BIO 112 BIO 111 BIO 110 or BIO 110 or BIO 110 or BIO 110 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Complete BIO 100 or BIO 110 BIO 112 (Summer I) with grades of "C" or higher. Placement into college level English Complete BIO 100 or BIO 110 BIO 110 or BIO 110 and BIO 112 with grades of "C" or higher. Placement into college level English Total 8 Semester 2 (Falli) DAS 101 F 3 DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Placement into college level English DA Students only, BIO 100 or BIO 111 and BIO 111 | y | |
| Anatomy & Physiology II BIO 112 BIO 111 BIO 111 BIO 111 Advanced Placement (AP) E OCC School Code: 3714. Dental Anatomy (Summer II) DHY 125 SU 1 DA or DH students only, BIO 100 or BIO 112 with grades of "C" or higher, Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Total 8 Composition, AP Exam grade of "C" or higher, Placement into college level English Total 8 Composition, AP Exam grade of "C" or higher, Placement into college level English Total 8 Composition, AP Exam grade of "C" or higher, Placement into college level English Total 8 Complete ENG 101; or AP Exam grade of "C" or higher, Placement into college level English Total 8 Complete ENG 101; or AP Exam grade of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 102 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 102 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 102 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 102 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English Complete BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher, Placement into college level English DAS 101 F 3 higher, DHY 125 with a grade of "C" or higher. Das students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. Das students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher. DAS 101 F 3 higher Placement into college lev | | |
| Dental Anatomy (Summer II) DHY 125 SU 1 DA or DH students only, BIO 100 or BIO 112 with grades of "C" or higher. Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Complete ENG 101; or AP E Language and Composition, AP Exam grade of "3" or high count as ENG 101. Complete all program admis requirements for DH program applying to "Bridge" Semester 2 (Fall) Total Semester 2 (Fall) DAS 101 F 3 DAS 101 DAS 101 DAS 101 DAS 101 DAS 102 F 3 DAS 102 DAS 102 F 3 DAS 102 DAS 101 DAS | ol (HS) Exams. | |
| Composition I ENG 101 F/S/SU 3 Placement into college level English Total 8 Total 8 Semester 2 (Fall) Clinical Science I DAS 101 F 3 DAS 101 F 3 DAS 101 DAS 101 DAS 101 DAS 102 DAS 102 DAS 102 DAS 103 DAS 104 DAS 105 DAS 105 DAS 105 DAS 106 DAS 107 DAS 108 DAS 108 DAS 108 DAS 109 DAS | er II) | |
| Semester 2 (Fall) DAS 101 F 3 DAS 101 DAS 102 DAS 102 DAS 103 DAS 103 DAS 103 DAS 104 DAS 105 DAS 105 DAS 107 DAS 108 DAS 108 DAS 109 DAS 101 DAS 1 | with her, to ssions m, if | |
| DAS 101 F 3 DAS 101 F 3 DAS 101 DAS 102 DAS 103 DAS 104 DAS 105 DAS 105 DAS 105 DAS 106 DAS 107 DAS 108 DAS 108 DAS 109 DAS 101 | | |
| And BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 102, DAS 151, DHY 131, DHY 241 Dental Sciences DAS 102 DAS 102 DAS 102 DAS 102 DAS 103 DAS 104 DAS 105 DAS 105 DAS 105 DAS 106 DAS 107 DAS 107 DAS 108 DAS 108 DAS 109 DAS 10 | | |
| Dental Sciences DAS 102 F 3 DAS 102 DAS 103 DAS 104 DAS 105 DAS 105 DAS 107 DAS 107 | etc.); or CC job | |
| | grades | |
| Dental Assisting I DAS 151 F 4 higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 102, DHY 131, DHY 241 | | |
| Dental Radiology DHY 131 Dental Radiology DHY 131 Dental Radiology BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101 BIO 100 or BIO 112 with grades of "C" or higher, ENG 101 | | |
| Dental Materials DHY 241 Dental Materials DHY 241 Dental Materials DHY 241 DHY | | |
| Total 15 | | |
| Semester 3 (Intersession) Dental Assisting Clinical Practicum DAS 153 DAS 153 DAS 153 DAS 153 DAS 153 DAS 101 and DAS 102 and DAS 151 and DHY 125 and DHY 131 and DHY 241 with grades of "C" or higher | | |
| Total 2 | ti | |
| Semester 4 (Spring) Submit a "Bridge to DH" app | | |
| Clinical Science II DAS 105 S 4 DAS 153 with a grade of "C" or higher, Coreq: DAS 111, DAS 124, DAS 155 Program Code: HCDH, etc.): DAS 153 with a grade of "C" or higher, Seeking employment, meet was seeking employment. | ; or if | |
| Practice Management DAS 111 S Coreq: DAS 105, DAS 124, DAS 155 Career Services for career Introduction to Oral DAS 124 DAS 153 with a grade of "C" or higher, readiness preparation and to | | |
| Pathology Coreq: DAS 105, DAS 111, DAS 155 more about QCC's job board DAS 153 with a grade of "C" or higher, | more about QCC's job board. | |
| Dental Assisting II DAS 155 5 6 Coreq: DAS 105, DAS 111, DAS 124 Submit an Intent to Graduate located on <i>The Q</i> . | d. | |
| Total Credits Required 39 | d. | |

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------|----------|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Semo | ester 1 (Su | mmer I & II) | | Apply and get accepted to this |
| Principles of Human Biology OR | BIO 100 | | | Placement into college level English | program (Program Code: DAWO). Register for and successfully complete all courses to graduate in four semesters. |
| Anatomy & Physiology II | BIO 112 | F/S/SU | 4 | BIO 111 | Contact Career Services (www.QCC.edu/APexams) to receive credit for High School (HS) Advanced Placement (AP) Exams. QCC School Code: 3714. Complete BIO 100 or BIO 111 and |
| Dental Anatomy (Summer II) | DHY 125 | SU | 1 | DA or DH students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, Placement into college level English | BIO 112 (Summer I) with grades of "C" or higher. Complete DHY 125 (Summer II) with a grade of "C" or higher. Complete ENG 101; or AP English/ |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Language and Composition, with AP Exam grade of "3" or higher, to count as ENG 101. Complete all program admissions requirements for DH program, if |
| | | Total | 8 | | applying to "Bridge" Semester 4. |
| | | Semester 2 | 2 (Fall) | | Meet with Academic Advisor to |
| Clinical Science I | DAS 101 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 102, DAS 151, DHY 131, DHY 241 | discuss associate degree (e.g., Program Code: DH, HCDH, etc.); or create an account on the QCC job board to search for internships, co- ops and jobs. |
| Dental Sciences | DAS 102 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 151, DHY 131, DHY 241 | Complete all DAS and DHY courses each semester with grades of "C" or higher. |
| Dental Assisting I | DAS 151 | F | 4 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 102, DHY 131, DHY 241 | |
| Dental Radiology | DHY 131 | F | 3 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101 | |
| Dental Materials | DHY 241 | F | 2 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher | |
| | Sem- | Total | 15 ersession) | | |
| Dental Assisting Clinical Practicum | DAS 153 | IN | 2 | DAS 101 and DAS 102 and DAS 151 and DHY 131 and DHY 241 with grades of "C" or higher | |
| | | Total | (Coring) | | Cubmit o "Dridge to DLI" andias the |
| Clinical Science II | DAS 105 | emester 4 | (Spring) | DAS 153 with a grade of "C" or higher, | Submit a "Bridge to DH" application, or apply to associate degree (e.g., Program Code: HCDH, etc.); or if |
| Practice Management | DAS 111 | S | 3 | Coreq: DAS 111, DAS 124, DAS 155 DAS 153 with a grade of "C" or higher, Coreg: DAS 105, DAS 124, DAS 155 | seeking employment, meet with Career Services for career |
| Introduction to Oral Pathology | DAS 124 | S | 1 | Coreq: DAS 105, DAS 124, DAS 155 DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 111, DAS 155 | readiness preparation and to learn more about QCC's job board. |
| Dental Assisting II | DAS 155 | S | 6 | DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 111, DAS 124 | Submit an Intent to Graduate Form, |
| | | Total | 14 | | located on The Q. |
| Total Credits R | lequired | | 39 | | |

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------|----------|-----------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Sem | ester 1 (Su | mmer I & II) | | Apply and get accepted to this |
| Principles of Human Biology OR | BIO 100 | | | Placement into college level English | program (Program Code: DAWO). Register for and successfully complete all courses to graduate in four semesters. |
| Anatomy & Physiology II | BIO 112 | F/S/SU | 4 | BIO 111 | Contact Career Services (www.QCC.edu/APexams) to receive credit for High School (HS) Advanced Placement (AP) Exams. QCC School Code: 3714. Complete BIO 100 or BIO 111 and |
| Dental Anatomy (Summer II) | DHY 125 | SU | 1 | DA or DH students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, Placement into college level English | BIO 112 (Summer I) with grades of "C" or higher. Complete DHY 125 (Summer II) with a grade of "C" or higher. Complete ENG 101; or AP English/ |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Language and Composition, with AP Exam grade of "3" or higher, to count as ENG 101. Complete all program admissions requirements for DH program, if |
| | | Total | 8 | | applying to "Bridge" Semester 4. |
| | | Semester 2 | 2 (Fall) | | Meet with Academic Advisor to |
| Clinical Science I | DAS 101 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 102, DAS 151, DHY 131, DHY 241 | discuss associate degree (e.g., Program Code: DH, HCDH, etc.); or create an account on the QCC job board to search for internships, co- ops and jobs. |
| Dental Sciences | DAS 102 | F | 3 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 151, DHY 131, DHY 241 | Complete all DAS and DHY courses each semester with grades of "C" or higher. |
| Dental Assisting I | DAS 151 | F | 4 | DA students only, BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101, Coreq: DAS 101, DAS 102, DHY 131, DHY 241 | |
| Dental Radiology | DHY 131 | F | 3 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher, ENG 101 | |
| Dental Materials | DHY 241 | F | 2 | BIO 100 or BIO 111 and BIO 112 with grades of "C" or higher, DHY 125 with a grade of "C" or higher | |
| | Carro | Total | 15 | | |
| Dental Assisting Clinical Practicum | DAS 153 | IN | ersession) 2 | DAS 101 and DAS 102 and DAS 151 and DHY 125 and DHY 131 and DHY 241 with grades of "C" or higher | |
| | | Total emester 4 | (Spring) | | Submit a "Pridge to DLI" appliestics |
| Clinical Science II | DAS 105 | emester 4 (| (Spring) | DAS 153 with a grade of "C" or higher, | Submit a "Bridge to DH" application, or apply to associate degree (e.g., Program Code: HCDH, etc.); or if |
| Practice Management | DAS 111 | S | 3 | Coreq: DAS 111, DAS 124, DAS 155 DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 124, DAS 155 | seeking employment, meet with Career Services for career |
| Introduction to Oral Pathology | DAS 124 | S | 1 | DAS 153 with a grade of "C" or higher, Coreq: DAS 105, DAS 111, DAS 155 | readiness preparation and to learn more about QCC's job board. |
| Dental Assisting II | DAS 155 | S | 6 | DAS 153 with a grade of "C" or higher, Coreg: DAS 105, DAS 111, DAS 124 | Submit an Intent to Graduate Form, |
| | | Total | 14 | , , , , , , , , , , , , , , , , , , , , | located on The Q. |
| Total Credits R | Required | | 39 | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| 1. | Course Number an | nd Name (curre | ent): ELM 260 Industri | al Robotics | |
|-----|---------------------------|--------------------|------------------------|----------------|----------|
| 2. | Originator: | James Heffern | ıan | Date: April 10 | 0, 2023 |
| 3. | School Dean: | Betty Lauer | | Date: April 10 | 0, 2023 |
| 4. | Effective Date: | Fall 2024 | | | |
| 5. | Reviewed by Prog | ram and Proces | ss (if applicable) | Date: | |
| | Comments: Unani | mously approv | | | |
| 7. | AA Leadership Te | eam: Kevin L | i | Date: | 09/19/23 |
| | Recommended:Comments: | X | Not Recommended: _ | | |
| 8. | VP/Academic Affa | uirs: James Ke | eane | Date: | 09/19/23 |
| | Recommended:Comments: | X | Not Recommended: _ | | |
| 9. | Learning Council: | <u> </u> | | Date: | |
| | Recommended: Comments: | | Not Recommended: _ | | |
| 10. | VP/Academic Affa | nirs: | | Date: | |
| | Approved: Comments: | | Not Approved: | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| Type of Revision: | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Description _X_ PrerequisiteCorequisiteNumberName# Credits | |
| Elective TypeOther (explain) | |
| Course Discipline or Department: Electronics School: BET | |
| Engineering Technology | |
| Current Course Number: ELM 260 | |
| Current Course Name: Industrial Robotics | |
| Current Course Description (as it appears in the college catalog including course three letter designation and | |
| number, title, credits, semesters offered and prerequisites/corequisites): | |
| ELM CCO la direttial Debeties | |
| ELM 260 Industrial Robotics | |
| This course is an introduction to robotics as used in modern industry. Students explore coordinate systems, control systems, drive systems, and various methods of programming. In the laboratory, | |
| students complete a series of projects that require them to program robots to perform a variety of wo | rk |
| cell tasks. Students practice industrial robot safety at all times. Students completing this course rece | |
| Fanuc CERT Certification, an internationally recognized robotics certification. | |
| Credits: 4 | |
| Prerequisite: ELT 130 or MNT 115 | |
| Semester Offered: F/S | |
| Note: Three hours lecture, three hours laboratory | |
| Proposed Description (include all proposed changes): | |
| | |
| ELM 260 Industrial Robotics | |
| This course is an introduction to robotics as used in modern industry. Students explore coordinate | |
| systems, control systems, drive systems, and various methods of programming. In the laboratory, | |
| students complete a series of projects that require them to program robots to perform a variety of wo | |
| cell tasks. Students practice industrial robot safety at all times. Students completing this course rece | ive |
| Fanuc CERT Certification, an internationally recognized robotics certification. | |
| Credits: 4 | |
| Prerequisite: ELT 121 or MNT 115 Semester Offered: F/S | |
| Note: Three hours lecture, three hours laboratory | |
| Rationale for the change: | |
| Rationale for the change. | |
| Prerequisite change: The prerequisite of ELT 130 Embedded Microcontrollers has been changed to EL | Г 121 |
| Digital Circuits in order to make the course accessible to more students. It is not necessary to have a | 1 121 |
| background in microcontrollers in order to learn industrial robot programming. Knowledge of either di | gital |
| circuits (ELT 121) or basic manufacturing equipment (MNT 115) is adequate for success in this course. | 8 |
| Provide a description of any change in course content. | |
| | |
| N/A | |
| List the programs that are affected by this change (list program names and program codes as they appear in the | ; |
| college catalog): | |
| | |
| Electronics Engineering Technology - Mechatronics Option - Associate in Science (Program Co | de: |
| EEMO) | |
| Manufacturing Technology - Associate in Science (Program Code: MP) | |
| New Certificate (proposed): Robotics Certificate (Program Code: RC) - see separate New Certificate | ficate |
| Proposal | |
| | |
| Please confer with the coordinator of the affected department. | |

Done.

Attach current and proposed academic maps (with changes in **bold**) for all affected programs. You can obtain academic maps from Barb Zabka.

Attached.

Please submit a generic syllabus to your dean with all of the revisions included.

Done.

Engineering & Engineering Technology CURRENT Electronics Engineering Technology - Mechatronics Option - Associate in Science (Program Code: EEMO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|---------------------------------------------------|--------------------|-----------------|---------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semest | er 1 | | Apply and get accepted to this |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | program (Program Code: EEMO). Register for and successfully complete all courses to graduate in |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | four semesters. Complete ELT 103 and ELT 121. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. |
| College Mathematics I: Pre- Calculus OR | MAT 123 | | | MAT 100 or approp place score | MAT 147 and MAT 148 |
| Mathematics for Technicians I | MAT 147 | F/S/SU | 3-4 | MAT 095 with a grade of "C" or higher or approp place score | recommended if primary goal is employment; MAT 123 and MAT 124 |
| | | Total | 14-15 | | recommended for transfer. |
| Windows Client On anting | | Semest | er 2 | T | Meet with Career Services to discuss |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | FI T 400 | the co-op process and leads for co- op placements. |
| Electronics II Embedded Microcontrollers | ELT 104 ELT 130 | F/S F/S | 4 | ELT 103 ELT 103, ELT 121 | If considering transfer, meet with a |
| | ENG 102 | | 4 | LLI 100, LLI 121 | Transfer Services Advisor. See |
| Composition II OR | | F/S/SU | 3 | ENG 101 | www.QCC.edu/transfer. |
| Technical Writing | ENG 105 | F/S | | | O |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/SU | 3-4 | MAT 123 or approp place score | Complete ELT 104 and ELT 130. |
| Mathematics for Technicians II | MAT 148 | ,,,,, | | MAT 147 | Complete ENG 102 or ENG 105; ENG 105 recommended if primary |
| | | Total Semest | 18-19 | | goal is employment after graduation. |
| | | Semest | er 3 | T . | For the Lab Science Elective, PHY 101 recommended for students |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | intending to transfer. Meet with Program Coordinator to |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | discuss readiness for EET 299. Contact Career Services to complete |
| Instrumentation and Control Technology | ELM 251 | F/S | 4 | ELT 104, ELT 130 | all requirements of CPS 298 (required prior to registration for EET 299). See www.QCC.edu/career-services . |
| Introduction to Programmable Logic Controllers | ELM 257 | F/S | 4 | ELT 103, ELT 121 | If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer |
| Lab Science Elective | | F/S/SU | 4 | | application process; or create an account on the QCC job board to search for internships, co-ops and |
| | | Total | 16 | | jobs. |
| | | Semest | er 4 | | For the Liberal Arts Elective, SPH |
| Cooperative Work Experience | EET 299 | F/S/SU | 3 | CPS 298, ELT 104, ELT 130 | 101 recommended. For the Social Science Elective, PSY |
| Mechatronic Systems | ELM 258 | F/S | 4 | ELT 130 | 118 recommended. Continue with/complete the transfer application process; or if seeking |
| Industrial Robotics | ELM 260 | F/S | 4 | ELT 130 or MNT 115 | employment, meet with Career Services for career readiness preparation and to learn more about |
| Liberal Arts Elective | | F/S/SU | 3-4 | | QCC's job board. Complete EET 299 (with Program |
| Social Science Elective | | F/S/SU | 3 | | Coordinator approval). Submit an Intent to Graduate Form, |
| - 4 1 - 11 - | | Total | 17-18 | | located on <i>The Q</i> . |
| Total Credits Re | equired | | 65-68 | | |

Engineering & Engineering Technology PROPOSED Electronics Engineering Technology - Mechatronics Option - Associate in Science (Program Code: EEMO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | |
|---------------------------------------------------|----------|-----------------|---------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | 1 | Semest | er 1 | | Apply and get accepted to this | |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | program (Program Code: EEMO). Register for and successfully complete all courses to graduate in | |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | four semesters. Complete ELT 103 and ELT 121. | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. | |
| College Mathematics I: Pre- Calculus OR | MAT 123 | E/0/011 | 0.4 | MAT 100 or approp place score | MAT 147 and MAT 148 | |
| Mathematics for Technicians I | MAT 147 | F/S/SU | 3-4 | MAT 095 with a grade of "C" or higher or approp place score | recommended if primary goal is employment; MAT 123 and MAT 124 | |
| | | Total | 14-15 | | recommended for transfer. | |
| Windows Client Operating | 1 | Semest | er 2 | | Meet with Career Services to discuss the co-op process and leads for co- | |
| Systems | CSC 141 | F/S/SU | 4 | | op placements. | |
| Electronics II | ELT 104 | F/S | 4 | ELT 103 | If considering transfer most with a | |
| Embedded Microcontrollers | ELT 130 | F/S | 4 | ELT 103, ELT 121 | If considering transfer, meet with a Transfer Services Advisor. See | |
| Composition II OR | ENG 102 | F/S/SU | 3 | ENG 101 | www.QCC.edu/transfer. | |
| Technical Writing | ENG 105 | F/S | | | Complete ELT 104 and ELT 120 | |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/SU | 3-4 | MAT 123 or approp place score | Complete ELT 104 and ELT 130. | |
| Mathematics for Technicians II | MAT 148 | | 10.10 | MAT 147 | Complete ENG 102 or ENG 105; ENG 105 recommended if primary | |
| | | Total Semest | 18-19 | | goal is employment after graduation. For the Lab Science Elective, PHY | |
| | I | Semest | ei 3 | | 101 recommended for students | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | intending to transfer. Meet with Program Coordinator to | |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | discuss readiness for EET 299. Contact Career Services to complete | |
| Instrumentation and Control Technology | ELM 251 | F/S | 4 | ELT 104, ELT 130 | all requirements of CPS 298 (required prior to registration for EET 299). See www.QCC.edu/career-services . | |
| Introduction to Programmable Logic Controllers | ELM 257 | F/S | 4 | ELT 103, ELT 121 | If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer | |
| Lab Science Elective | | F/S/SU | 4 | | application process; or create an account on the QCC job board to search for internships, co-ops and jobs. | |
| | | Total | 16 | | | |
| | l | Semest | er 4 | | For the Liberal Arts Elective, SPH | |
| Cooperative Work Experience | EET 299 | F/S/SU | 3 | CPS 298, ELT 104, ELT 130 | 101 recommended. For the Social Science Elective, PSY | |
| Mechatronic Systems | ELM 258 | F/S | 4 | ELT 130 | 118 recommended. Continue with/complete the transfer application process; or if seeking | |
| Industrial Robotics | ELM 260 | F/S | 4 | ELT 121 or MNT 115 | employment, meet with Career Services for career readiness preparation and to learn more about | |
| Liberal Arts Elective | | F/S/SU | 3-4 | | QCC's job board. Complete EET 299 (with Program | |
| Social Science Elective | | F/S/SU | 3 | | Coordinator approval). | |
| | | Total | 17-18 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . | |
| Total Credits Re | quired | | 65-68 | | | |

| Manufacturing Technology | | ociate in | Science | | CURRENT Milestones | |
|-------------------------------------------------------|--------------------|--------------------|------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Title | Course # | Offered Semeste | | Prerequisites | Apply and get accepted to this program | |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | (Program Code: MP). | |
| College Mathematics I: Pre- Calculus OR | MAT 123 | | | MAT 100 or approp place score | Register for and successfully complete all courses to graduate in four semesters. Complete MAT 123 and MAT 124 for transfer | |
| Mathematics for Technicians I | MAT 147 | F/S/SU | 3-4 | MAT 095 with a grade of "C" or higher or approp place score | | |
| Manufacturing Safety | MNT 100 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | goal; Complete MAT 147 and MAT 148 for employment goal. | |
| Mechanical CAD I | MNT 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete MNT 100 and MNT 108 (both courses include certification exams). | |
| Basic Machine Operation | MNT 108 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete MNT 101. | |
| | | Total | 15-16 | | | |
| Composition | ENG 101 | Semeste F/S/SU | r 2 | Discoment into college level English | Meet with Career Services to discuss the co- | |
| Composition I College Mathematics II: | ENG 101 | F/3/30 | 3 | Placement into college level English | op process and leads for co-op placements. | |
| Trigonometry OR Mathematics for Technicians II | MAT 124 MAT 148 | F/S/SU | 3-4 | MAT 123 or approp place score MAT 147 | If considering transfer, meet with a Transfer Services Advisor. See | |
| Quality | MNT 106 | S | 3 | WINCE 147 | www.QCC.edu/transfer. | |
| Manufacturing Materials and | MANIT 440 | S | 3 | MAT 095 with a grade of "C" or | | |
| Processes Maintenance and | MNT 110 | 8 | 3 | higher or approp place score | Complete ENG 101, MNT 106 and MNT 115. | |
| Instrumentation in Manufacturing | MNT 115 | S | 3 | | | |
| 9 | | Total | 15-16 | | | |
| | | Semeste | r 3 | | If choosing MNT 299 (Semester 4), meet with | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Program Coordinator to discuss readiness for MNT 299. | |
| Industrial Robotics | ELM 260 | F/S | 4 | ELT 130 or MNT 115 | Contact Career Services to complete all requirements of CPS 298 (required prior to | |
| Composition II OR | ENG 102 | F/S/SU | 3 | ENG 101 | registration for MNT 299). See www.QCC.edu/career-services. | |
| Technical Writing | ENG 105 | F/S | 3 | LNO 101 | If considering transfer, meet with representatives of four-year schools to | |
| Solid Modeling | MNT 103 | F/S | 3 | ERG 101 or MNT 101 | discuss/begin the transfer application process; or create an account on the QCC job board to | |
| CNC Programming | MNT 210 | F | 4 | Coreq: MNT 101, MNT 108 | search for internships, co-ops and jobs. | |
| Physics I | PHY 101 | F/SU | 4 | MAT 148 or Coreq: MAT 124 | Complete MNT 103 and MNT 210 (both courses include certification exams). Complete PHY 101. | |
| | | Total | 18 | | | |
| | | Semeste | r 4 | | Continue with/complete the transfer | |
| Computer-Aided Manufacturing | MNT 215 | S | 4 | MNT 101, MNT 210 | application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. | |
| Manufacturing Capstone Project OR | MNT 216 | S | | MNT 102 or MNT 103, MNT 210 | Complete MNT 215. | |
| Cooperative Work Experience & Seminar OR | MNT 299 | E/0/011 | 3-4 | CPS 298, Approval of Program Coordinator | Complete MNT 216, which offers SME CMfgT exam; or complete MNT 299 (with Program Coordinator approval), which introduces | |
| Program Elective | | F/S/SU | | | students to employers; or complete Program Elective (must choose from ACC, BUS, HUM, LOG, MGT, SOC, or MAT 122, or any MAT 200-level course), which provides an | |
| Lean Manufacturing and Six Sigma | MNT 218 | S | 3 | MNT 106 | alternative professional option. Complete MNT 218 (includes certification | |
| Physics II | PHY 102 | S/SU | 4 | PHY 101 | exam). Submit an Intent to Graduate Form, located | |
| | | Total | 14-15 | | on The Q. | |
| Total Credits R | <u> </u> | | 62-65 | <u> </u> | | |

| Manufacturing Techno Course Title | logy - Ass | ociate in | Science | e (Program Code: MP) | PROPOSED | |
|--------------------------------------------------------|------------|------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Course Title | Course # | | | Prerequisites | Milestones | |
| Introduction to Microcomputer | 1 | Semester 1 | | T | Apply and get accepted to this program | |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | (Program Code: MP). | |
| College Mathematics I: Pre- Calculus OR | MAT 123 | - F/S/SU | 3-4 | MAT 100 or approp place score | Register for and successfully complete all courses to graduate in four semesters. Complete MAT 123 and MAT 124 for transfer goal; Complete MAT 147 and MAT 148 for employment goal. | |
| Mathematics for Technicians I | MAT 147 | | 0 1 | MAT 095 with a grade of "C" or higher or approp place score | | |
| Manufacturing Safety | MNT 100 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | | |
| Mechanical CAD I | MNT 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete MNT 100 and MNT 108 (both courses include certification exams). | |
| Basic Machine Operation | MNT 108 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete MNT 101. | |
| | | Total Semeste | 15-16 | | M (''') | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Career Services to discuss the co- op process and leads for co-op placements. | |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/SU | 3-4 | MAT 123 or approp place score | If considering transfer, meet with a Transfer | |
| Mathematics for Technicians II | MAT 148 | 170/00 | 3-4 | MAT 147 | Services Advisor. See | |
| Quality | MNT 106 | S | 3 | | www.QCC.edu/transfer. | |
| Manufacturing Materials and Processes | MNT 110 | S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete ENG 101, MNT 106 and MNT 115. | |
| Maintenance and Instrumentation in Manufacturing | MNT 115 | S | 3 | J 11 1 1 | _ | |
| <u> </u> | | Total | 15-16 | | | |
| | Semester 3 | | | | If choosing MNT 299 (Semester 4), meet with | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Program Coordinator to discuss readiness for MNT 299. | |
| Industrial Robotics | ELM 260 | F/S | 4 | ELT 121 or MNT 115 | Contact Career Services to complete all requirements of CPS 298 (required prior to | |
| Composition II OR | ENG 102 | F/S/SU 3 | ENG 101 | registration for MNT 299). See www.QCC.edu/career-services. | | |
| Technical Writing | ENG 105 | F/S | Ü | ENO 101 | If considering transfer, meet with representatives of four-year schools to | |
| Solid Modeling | MNT 103 | F/S | 3 | ERG 101 or MNT 101 | discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Complete MNT 103 and MNT 210 (both courses include certification exams). | |
| CNC Programming | MNT 210 | F | 4 | Coreq: MNT 101, MNT 108 | | |
| Physics I | PHY 101 | F/SU | 4 | MAT 148 or Coreq: MAT 124 | | |
| | | Total | 18 | | Complete PHY 101. | |
| Semester 4 | | | | | Continue with/complete the transfer | |
| Computer-Aided Manufacturing | MNT 215 | S | 4 | MNT 101, MNT 210 | application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. | |
| Manufacturing Capstone Project OR | MNT 216 | S | | MNT 102 or MNT 103, MNT 210 | Complete MNT 215. | |
| Cooperative Work Experience & Seminar OR | MNT 299 | 3-4 F/S/SU | 3-4 | CPS 298, Approval of Program Coordinator | Complete MNT 216, which offers SME CMfgT exam; or complete MNT 299 (with Program Coordinator approval), which introduces | |
| Program Elective | | | | students to employers; or complete Program Elective (must choose from ACC, BUS, HUM, LOG, MGT, SOC, or MAT 122, or any MAT 200-level course), which provides an | | |
| Lean Manufacturing and Six Sigma | MNT 218 | S | 3 | MNT 106 | alternative professional option. Complete MNT 218 (includes certification | |
| Discribe II | PHY 102 | S/SU | 4 | PHY 101 | exam). | |
| Physics II | PHT 102 | 3/30 | | | Submit an Intent to Graduate Form, located | |
| Physics II | PH1 102 | Total | 14-15 | | Submit an Intent to Graduate Form, located on <i>The</i> Q. | |

| 1. | Course Number and Name: CST 231 Internetworking Pri (from current AY22/23 catalog) | inciples and Protocols |
|-----|---------------------------------------------------------------------------------------|------------------------------------------|
| 2. | Originator: | Date: |
| 3. | School Dean: Betty Lauer | Date: April 19, 2023 |
| 4. | Effective Date: Fall 2024 | |
| 5. | Reviewed by Program and Process (if applicable) | Date: |
| 6. | Recommended by the School of Business, Engineering & | <u>Γechnology</u> Date: <u>5/18/2023</u> |
| | Comments: Unanimously approved. | |
| 7. | AA Leadership Team: Kevin Li | Date: 09/19/23 |
| | Recommended: x Not Recommended: Comments: | |
| 8. | VP/Academic Affairs: James Keane | Date: 09/19/23 |
| | Recommended: X Not Recommended: Comments: | |
| 9. | Learning Council: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 10. | VP/Academic Affairs: | Date: |
| | Approved: Not Approved: Comments: | |

| Type of Revision: | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| _X_ Description _X_ PrerequisiteCorequisiteNumberName# | | | | | | | | |
| Credits | | | | | | | | |
| Elective Type _X_ Other (explain): Semester Offered | | | | | | | | |
| Course Discipline or Department: CSET School: BET | | | | | | | | |
| Current Course Number: CST 231 | | | | | | | | |
| Current Course Name: Internetworking Principles and Protocols | | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | | |
| | | | | | | | | |
| CST 231 Internetworking Principles and Protocols | | | | | | | | |
| This course presents a detailed overview of the implementation of the Transmission Control | | | | | | | | |
| Protocol/Internet Protocol (TCP/IP) suite. It prepares students with the necessary concepts and skills | | | | | | | | |
| needed to configure, manage, and troubleshoot the TCP/IP environment. Upon completion of the course, | | | | | | | | |
| students are able to configure TCP/IP clients and resources, configure and manage TCP/IP services, and troubleshoot network problems using TCP/IP utilities. | | | | | | | | |
| Credits: 3 | | | | | | | | |
| Prerequisite: MAT 100 or appropriate placement score | | | | | | | | |
| Corequisite: CSC 234 | | | | | | | | |
| Semester Offered: F/S/SU | | | | | | | | |
| Note: Two hours lecture, three hours laboratory | | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | | |
| CST 224 Internativerking Principles and Protocols | | | | | | | | |
| CST 231 Internetworking Principles and Protocols This course presents a detailed overview of the implementation of the Transmission Control | | | | | | | | |
| Protocol/Internet Protocol (TCP/IP) suite, including security protocols. It prepares students with the | | | | | | | | |
| necessary concepts and skills needed to configure, manage, and troubleshoot the TCP/IP environment. | | | | | | | | |
| Upon completion of the course, students are able to configure TCP/IP clients and resources, configure | | | | | | | | |
| and manage TCP/IP services, and troubleshoot network problems using TCP/IP utilities. | | | | | | | | |
| Credits: 3 | | | | | | | | |
| Corequisite: CSC 234 Semester Offered: F/S | | | | | | | | |
| Note: Two hours lecture, three hours laboratory | | | | | | | | |
| Rationale for the change: | | | | | | | | |
| readonate for the change. | | | | | | | | |
| Course enrollment is not currently offered over Summer semesters. Math prerequisite no | | | | | | | | |
| longer necessary. | | | | | | | | |
| Provide a description of any change in course content. | | | | | | | | |
| Trovide a description of any change in course content. | | | | | | | | |
| Adding newer TCP/IP security protocol topics for the purpose of keeping course current. | | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | | | |
| appear in the college catalog): | | | | | | | | |
| appear in the conege causes. | | | | | | | | |
| • Computer Systems Engineering Technology - Computer Support Option - Associate in | | | | | | | | |
| Science (Program Code: SECS) | | | | | | | | |
| • Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science | | | | | | | | |
| (Program Code: SECY) | | | | | | | | |

- Computer Systems Engineering Technology Enterprise Information Technology (IT) Option - Associate in Science (Program Code: SEIT)
- Computer Systems Engineering Technology Forensics Option Associate in Science (Program Code: SEF)
- Cyber Security Certificate (Program Code: CBS)
- Network Associate Certificate (Program Code: NAC)
- Network Technician Certificate (Program Code: NTC)

Please confer with the coordinator of the affected department.

Attach current and proposed academic maps (with changes in **bold**) for all affected programs. You can obtain academic maps from Barb Zabka.

Attached.

Please submit a generic syllabus to your dean with all of the revisions included.

<u>Computer & Information Technology</u> CURRENT <u>Computer Systems Engineering Technology - Computer Support Option - Associate in Science (Program Code: SECS)</u>

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|--------------------|-----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| | | Semeste | r 1 | | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: SECS). |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | Register for and successfully complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU Total | 3 17 | | Complete CSC 141, CSC 234, ENG 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Introduction to Microcomputer | Ι | | | | discuss the co-op process and |
| Applications IT Help Desk Concepts | CIS 111 CSC 105 | F/S/SU F/S | 3 | | leads for co-op placements. |
| | CSC 105 | F/3 | | | If considering transfer, meet with a |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | Transfer Services Advisor. See www.QCC.edu/transfer. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CIS 111 and ENG 102. |
| | <u> </u> | Total | 15 | | |
| | | Semeste | er 3 | T 010 444 B) | Meet with Program Coordinator to |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | discuss readiness for CST 299. Contact Career Services to |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | complete all requirements of CPS 298 (required prior to registration for CST 299). See www.QCC.edu/career-services. |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | If considering transfer, meet with |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | representatives of four-year schools to discuss/begin the transfer |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | application process; or create an account on the QCC job board to |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | search for internships, co-ops and jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | |
| Social Science Elective | | F/S/SU | 3 | | |
| | L | Total | 16 | | |
| | | Semeste | PF 4 | | Continue with/complete the transfer |
| Mobile Operating Systems | CSC 140 | F/S | 3 | | application process; or if seeking employment, meet with Career |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Services for career readiness preparation and to learn more about |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | QCC's job board and to review industry certification requirements |
| Technical and Workplace Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | <u> </u> | Total | 15 | | |
| Total Credits R | equired | | 63 | | |

<u>Computer & Information Technology</u> PROPOSED Computer Systems Engineering Technology - Computer Support Option - Associate in Science (Program Code: SECS)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|----------|-----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semeste | r 1 | · | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: SECS). Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU Total | 3 17 | | Complete CSC 141, CSC 234, ENG 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Introduction to Microcomputer | CIS 111 | | | | discuss the co-op process and |
| Applications . | | F/S/SU | 3 | | leads for co-op placements. |
| IT Help Desk Concepts | CSC 105 | F/S | 2 | | If a second seco |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | |
| Composition II | ENG 102 | F/S/SU Total | 3 15 | ENG 101 | Complete CIS 111 and ENG 102. |
| | | Semeste | - | | Meet with Program Coordinator to |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | discuss readiness for CST 299. Contact Career Services to |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | complete all requirements of CPS 298 (required prior to registration for CST 299). See www.QCC.edu/career-services. |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | If considering transfer, meet with |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | representatives of four-year schools to discuss/begin the transfer |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | application process; or create an account on the QCC job board to |
| Internetworking Principles and Protocols | CST 231 | F/S | 3 | Coreq: CSC 234 | search for internships, co-ops and jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | |
| Social Science Elective | | F/S/SU Total | 3 16 | | |
| | | Semeste | _ | | Continue with/complete the transfer |
| Mobile Operating Systems | CSC 140 | F/S | 3 | | application process; or if seeking employment, meet with Career |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Services for career readiness preparation and to learn more about |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | QCC's job board and to review industry certification requirements |
| Technical and Workplace Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | and opportunities. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| Tatal One III | | Total | 15 | | |
| Total Credits R | equired | | 63 | | |

Computer & Information Technology CURRENT Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science (Program Code: SECY)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-------------------------------------|----------------|---------|---------|--------------------------------------------------|-------------------------------------------------------------------|
| Course Title | 30u100# | Semeste | | Toroquioitoo | Apply and get accepted to this |
| Windows Client Operating | | | | | program (Program Code: SECY). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | , , , , |
| | | | | | Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Tour semesters. |
| • | | | - | | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 17 | | 101, and the Mathematics Elective. |
| | | Semeste | r 2 | | Meet with Career Services to |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | discuss the co-op process and leads for co-op placements. |
| Windows Server Operating | 000 044 | E/C | 2 | CSC 141 | If considering transfer, meet with a |
| Systems | CSC 241 | F/S | 3 | | Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241, CST 205, and |
| | | Total | 16 | | ENG 102. |
| | 1 | Semeste | er 3 | | Meet with Program Coordinator to |
| | | | | Placement into college level English, | discuss readiness for CST 299. |
| Introduction to Programming | CIS 121 | | | MAT 095 with a grade of "C" or higher | 0 |
| with C++ OR | | | | or approp place score, Coreq: CIS 105 or CIS 111 | Contact Career Services to complete all requirements of CPS |
| | | | | | 298 (required prior to registration for |
| Introduction to Programming | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher | CST 299). See |
| Using Python OR | 000 101 | | | or approp place score | www.QCC.edu/career-services. |
| Systems Programming and | | | | | |
| Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | If considering transfer, meet with |
| , , | | | | | representatives of four-year schools |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | to discuss/begin the transfer |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | application process; or create an account on the QCC job board to |
| Advanced Topics in Security | CST 211 | F/S | 3 | CST 205 | search for internships, co-ops and |
| Internetworking Principles and | | | | MAT 100 or approp place score, | iobs. |
| Protocols | CST 231 | F/S/SU | 3 | Coreq: CSC 234 | Jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Complete CIS 121 or CSC 101 or |
| Technical and Workplace | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | CSC 201. |
| Writing | | Total | 19 | | Complete CST 231. |
| | | Semeste | - | | Continue with/complete the transfer |
| | | I | | | application process; or if seeking |
| Ethical Hacking | CST 209 | S | 3 | CSC 201, CST 205 | employment, meet with Career |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | Services for career readiness |
| | | | | | preparation and to learn more about QCC's job board and to review |
| Cooperative Work Experience | OOT 000 | E/C/CL/ | | CPS 298, Approval of Program | industry certification requirements |
| & Seminar | CST 299 | F/S/SU | 3 | Coordinator | and opportunities. |
| | | | | | |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 209 and CST 240. |
| Social Science Elective | _ | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| Social Science Liective | | | | | located on <i>The Q</i> . |
| Total Cuadita D | oguirod - | Total | 15 | | |
| Total Credits R | equirea | | 67 | | |

Computer & Information Technology PROPOSED Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science (Program Code: SECY)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|----------------|------------------|----------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------|
| Course Title | 30u100# | Semeste | | Toroquioitoo | Apply and get accepted to this |
| Windows Client Operating | | | | | program (Program Code: SECY). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | |
| • | | | | | Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | four semesters. |
| Composition | LING 101 | 170/00 | 3 | r lacement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 17 | | 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Computer Hardware and | | =10 | | 0.00444 | discuss the co-op process and |
| Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | leads for co-op placements. |
| Windows Server Operating | 000011 | =10 | | 000 444 | 16 |
| Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | <u></u> |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241, CST 205, and |
| | | Total | 16 | | ENG 102. |
| | ı | Semeste | er 3 | Discourant internal level For alich | Meet with Program Coordinator to |
| Introduction to Programming | | | | Placement into college level English, MAT 095 with a grade of "C" or higher | discuss readiness for CST 299. |
| Introduction to Programming with C++ OR | CIS 121 | | | or approp place score, Coreq: CIS 105 | Contact Career Services to |
| Will O' O' | | | | or CIS 111 | complete all requirements of CPS |
| Introduction to Programming | | F/S | 3 | MAT 099 with a grade of "C" or higher | 298 (required prior to registration for |
| Using Python OR | CSC 101 | 170 | | or approp place score | CST 299). See |
| Comg r yaren Cr | | | | or approp place score | www.QCC.edu/career-services. |
| Systems Programming and | CSC 201 | | | CSC 141, Coreq: CST 245 | If considering transfer, meet with |
| Scripting | 000 201 | | | 000 141, 00icq. 001 240 | representatives of four-year schools |
| Pre Cooperative Education | CPS 298 | F/S | 0 | | to discuss/begin the transfer |
| Seminar | | | | | application process; or create an |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | account on the QCC job board to |
| Advanced Topics in Security | CST 211 | F/S | 3 | CST 205 | search for internships, co-ops and |
| Internetworking Principles and Protocols | CST 231 | F/S | <mark>3</mark> | Coreq: CSC 234 | jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Complete CIS 121 or CSC 101 or |
| Technical and Workplace | | | 2 | · | CSC 201. |
| Writing . | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | |
| | | Total Semeste | 19 | | Complete CST 231. |
| | I | Semeste | er 4 | T | Continue with/complete the transfer application process; or if seeking |
| Ethical Hacking | CST 209 | S | 3 | CSC 201, CST 205 | employment, meet with Career |
| Douting Toohnelesies | CCT 040 | _ | 2 | Corogi CCT 224 | Services for career readiness |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | preparation and to learn more about |
| Cooperative Work Experience | | | | CPS 298, Approval of Program | QCC's job board and to review |
| & Seminar | CST 299 | F/S/SU | 3 | Coordinator | industry certification requirements |
| a comma | | | | Cooldinator | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 209 and CST 240. |
| | | | | | · |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | | Total | 15 | | located on The Q. |
| Total Credits R | | | 67 | | |

<u>Computer & Information Technology</u> CURRENT <u>Computer Systems Engineering Technology - Enterprise Information Technology (IT) Option - Associate in Science (Program Code: SEIT)</u>

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|----------|---------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| | | Semeste | r 1 | | Apply and get accepted to this |
| IT Help Desk Concepts | CSC 105 | F/S | 2 | | program (Program Code: SEIT). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 19 | | 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | discuss the co-op process and |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | leads for co-op placements. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IŤ Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241 and ENC 102 |
| Project Management | MGT 205 | F/S Total | 3 19 | ENG 101 | Complete CSC 241 and ENG 102. |
| | | Semeste | - | | For the Technology Career Elective, |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | choose one technical course from CIS, CSC, CST, ELM, ELT, IMD, or IMG course designations. |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | Meet with Program Coordinator to discuss readiness for CST 299. |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | Contact Career Services to complete all requirements of CPS |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | 298 (required prior to registration for CST 299). See |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | www.QCC.edu/career-services. |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | If considering transfer, meet with representatives of four-year schools |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | to discuss/begin the transfer application process; or create an |
| Liberal Arts Elective | | F/S/SU | 3 | | account on the QCC job board to search for internships, co-ops and |
| Technology Career Elective | | S/SU | 3 | | jobs. |
| | | Total Semeste | 19 | | Complete CST 231. Continue with/complete the transfer |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | application process; or if seeking employment, meet with Career |
| Enterprise Application Infrastructure | CST 238 | S/SU | 3 | Coreq: CSC 241 | Services for career readiness preparation and to learn more about |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | QCC's job board and to review industry certification requirements |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 238 and CST 240. |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | | Total | 18 | | located on <i>The Q</i> . |
| Total Credits R | equired | | 75 | | |

<u>Computer & Information Technology</u> PROPOSED <u>Computer Systems Engineering Technology - Enterprise Information Technology (IT) Option - Associate in</u> Science (Program Code: SEIT)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|--------------------|---------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| | | Semeste | | | Apply and get accepted to this |
| IT Help Desk Concepts | CSC 105 | F/S | 2 | | program (Program Code: SEIT). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in four semesters. |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | Tour semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 19 | | 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | discuss the co-op process and leads for co-op placements. |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | leads for co-op placements. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Composition II | ENG 102 MGT 205 | F/S/SU F/S | 3 | ENG 101 ENG 101 | Complete CSC 241 and ENG 102. |
| Project Management | MG1 205 | Total | 19 | ENG 101 | Complete GGG 241 and LIVE 102. |
| | | Semeste | - | | For the Technology Career Elective, |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | choose one technical course from CIS, CSC, CST, ELM, ELT, IMD, or IMG course designations. |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | Meet with Program Coordinator to discuss readiness for CST 299. |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | Contact Career Services to complete all requirements of CPS |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | 298 (required prior to registration for CST 299). See |
| Internetworking Principles and Protocols | CST 231 | F/S | 3 | Coreq: CSC 234 | www.QCC.edu/career-services. |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | application process; or create an account on the QCC job board to |
| Liberal Arts Elective | | F/S/SU | 3 | | search for internships, co-ops and jobs. |
| Technology Career Elective | | S/SU Total | 3 19 | | Complete CST 231. |
| | | Semeste | - | | Continue with/complete the transfer |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | application process; or if seeking employment, meet with Career |
| Enterprise Application Infrastructure | CST 238 | S/SU | 3 | Coreq: CSC 241 | Services for career readiness preparation and to learn more about |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | QCC's job board and to review industry certification requirements |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 238 and CST 240. |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | <u> </u> | Total | 18 | | located on The Q. |
| Total Credits R | equired | | 75 | | |

<u>Computer & Information Technology</u> CURRENT Computer Systems Engineering Technology - Forensics Option - Associate in Science (Program Code: SEF)

| Semister 1 E-Business Law & Ethics BSL 103 F/S | Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------|---------|---------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| Register for and successfully complete all courses to graduate in formatic to Criminal Justice CRJ 101 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 Placement into college level English Competed CSC 244 F/S/SU 3 CSC 141 Competed CSC 244 F/S/SU F/S/SU Competed CSC 244 F/S/SU F/S/SU Competed CSC 2 | | | Semeste | r 1 | - | Apply and get accepted to this |
| windows Client Operating Systems CSC 141 F/S/SU 3 Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Computer Services to discuss the co-op process and leads for co-op placements. Computer Hardware and Support CSC 231 F/S/SU 3 ENG 101 ENG 101, and the Mathematics Elective. Meet with Career Services to discuss the co-op process and leads for co-op placements. If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edutransfer. Computer Hardware and Support CSC 231 F/S/SU 3 ENG 101 Considering transfer, meet with a Transfer Services Advisor. See www.QCC.edutransfer. Computer Hardware and Support CSC 233 F/S/SU 3 ENG 101 Coreq: CSC 141 Coreq: CSC 141 Considering transfer, meet with a Transfer Services Advisor. See www.QCC.edutransfer. Complete all requirements of CPS 298 F/S/SU 3 ENG 101 Complete all requirements of CPS 298 F/S/SU 3 ENG 101 Complete all requirements of CPS 298 F/S/SU 3 ENG 101 Considering transfer, meet with Program Coordinator to considering transfer, meet with Program Coordinator to search for internships, co-ops and jobs. Coreq: CSC 234 Coreq: CSC 234 Coreq: CSC 234 Complete CSC 234 Complete CSC 234 Complete CSC 235 Complete CSC 235 F/S/SU 3 Placement into college level English Computer Promisios CST 205 S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement into college level English Complete CSC 239 F/S/SU 3 Placement | E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | program (Program Code: SEF). |
| Windows Client Operating Systems CSC 141 F/S/SU 3 Placement into college level English | Introduction to Criminal Justice | CRJ 101 | F/S/SU | 3 | Placement into college level English | |
| Composition I ENG 101 F/S/SU 3 Placement into college level English co-enrolling in CSET certificate. Mathematics Elective | | CSC 141 | F/S/SU | 4 | | four semesters. |
| Total 16 Semester 2 Criminal Investigation CRJ 207 F 3 ENG 101 Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 Getwith Career Services to discuss the co-op process and leads for co-op placements. Yendrows Server Operating Systems CSC 241 F/S Systems CSC 241 F/S/SU 3 CSC 141 ENG 102 F/S/SU 3 ENG 101 ENG 102 F/S/SU 3 ENG 101 Social Science Elective | Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| Semester 2 | Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, ENG 101, and |
| Criminal Investigation CRJ 207 F 3 ENG 101 class the co-op process and Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 class for co-op placements. CSC 234 F/S/SU 3 CSC 141 class for co-op placements. CSC 234 F/S/SU 3 CSC 141 class for co-op placements. CSC 234 F/S/SU 3 CSC 141 class for co-op placements. CSC 234 F/S/SU 3 CSC 141 class for co-op placements. CSC 234 F/S/SU 3 CSC 141 class for co-op placements. CSC 234 CSC | | | | - | | the Mathematics Elective. |
| Networking Technologies | | | Semeste | r 2 | | Meet with Career Services to |
| Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 leads for co-op placements. leads for co-op placements | Criminal Investigation | CRJ 207 | F | 3 | ENG 101 | discuss the co-op process and |
| Windows Server Operating Systems CSC 241 F/S 3 CSC 141 F/S/SU 3 ENG 101 Semester 3 F/S/SU 3 Composition II ENG 102 F/S/SU 3 ENG 101 F/S/SU 3 Complete CSC 234 and ENG 102. Pre Cooperative Education Seminar Pre Cooperative Education CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 UNIX Operating Systems I CST 245 F/S/SU 4 Coreq: CSC 141 Liberal Arts Elective F/S/SU 3 Evidence Arts Elective F/S/ | | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | |
| Composition II ENG 102 F/S/SU 3 ENG 101 Social Science Elective F/S/SU 3 Total 16 Semester 3 Pre Cooperative Education Seminar CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 231 F/S/SU 3 ENG 101 CST 231 F/S/SU 3 ENG 101 CST 234 F/S/SU 3 ENG 101 CST 245 F/S/SU 4 Coreq: CSC 234 Liberal Arts Elective F/S/SU 3 End 20 Jobs. Liberal Arts Elective F/S/SU 3 End 20 Jobs. Total 16 Computer Hardware and Support Computer Hardware and Support Computer Forensics CST 205 F/S 3 CSC 141 Cooperative Work Experience & Seminar ENG 102 F/S/SU 3 Placement into college level English Total 16 Total 16 CPS 298 Approval of Program Coordinator Total Intention College level English Submit an Intent to Graduate Form, located on The Q. Submit an Intent to Graduate Form, located on The Q. | | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a |
| Total 16 Complete CSC 234 and ENG 102. | Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Total 16 Semester 3 Meet with Program Coordinator to CPS 298 F/S 0 Contact Career Services to complete all requirements of CPS 298 (required prior to registration for CST 299). See MAT 100 or approp place score, Coreq: CSC 234 | | | F/S/SU | 3 | | www.Qoo.edd/transier. |
| Pre Cooperative Education Seminar CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 231 F/S/SU 3 ENG 101 CST 231 F/S/SU 3 ENG 101 CST 231 F/S/SU 3 ENG 101 CST 234 F/S/SU 4 Coreq: CSC 234 UNIX Operating Systems I CST 245 F/S/SU 3 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Computer Hardware and Support CST 233 F/S 4 Coreq: CSC 141 Computer Hardware and Support CST 205 S/SU 3 Placement into college level English Computer Forensics CST 299 F/S/SU 3 Computer Services to continue with Career Services. Program Coordinator to discuss readiness for CST 299. Contact Career Services to computer Program Coordinator to discuss readiness for CST 299. Contact Career Services for Career services. Contact Career Services for Career services. Contact Career Services for Career with Career Services for Career and account on the QCC job board to search for internships, co-ops and jobs. Computer Forensics CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Computer Services for Career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Complete CST 209 (with Program Coordinator Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 Submit an Intent to Graduate Form, located on The Q. | | | Total | 16 | | Complete CSC 234 and ENG 102. |
| Pre Cooperative Education Seminar CPS 298 F/S 0 Contact Career Services to complete all requirements of CPS 298. Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 299. See www.QCC.edu/career-services. Protocols Internetworking Principles and Protocols UNIX Operating Systems I CST 231 F/S/SU 4 Coreq: CSC 234 If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Liberal Arts Elective F/S/SU 3 Coreq: CSC 141 Configure Configure CST 231. Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and coordinator Cordinator Subport Seminar Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. Submit an Intent to Graduate Form, located on The Q. | | | | - | | |
| Evidence & Court Procedure Evidence & Court Procedure Evidence & Court Procedure Evidence & Court Procedure CRJ 211 F/S/SU Serico Coreq: CSC 234 UNIX Operating Systems I Elberal Arts Elective F/S/SU Total F/S/SU Serico Serico Coreq: CSC 141 F/S/SU Serico F/S | Pre Cooperative Education | CDS 208 | | | | |
| Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 298 (required prior to registration for CST 299). See CST 291 Protocols CST 231 F/S/SU 3 MAT 100 or approp place score. Coreq: CSC 234 (Coreq: CSC 234 F/S/SU 4 Coreq: CSC 141 Freyseentatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Computer Hardware and Support CST 205 S/SU 3 Placement into college level English Cooperative Work Experience & Seminar Speech Communication Skills PIS/SU 3 Placement into college level English Total 16 CPS 298, Approval of Program Coordinator Coreq: CSC 1206 F/S/SU 3 Placement into college level English Total 16 Complete CST 205 with Program Coordinator Complete CST 299 (with Program Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | Seminar | CF 3 290 | 173 | 0 | | |
| Protocols CST 231 F/S/SU 3 Coreq: CSC 141 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Computer Forensics CST 205 F/S/SU 3 CST 205 F/S/SU 3 Placement into college level English CST 299 F/S/SU 3 Placement into college level English Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 Coreq: CSC 141 If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Complete CST 231. Confine with/Complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Computer ST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | Evidence & Court Procedure | CRJ 211 | F/S/SU | 3 | ENG 101 | 298 (required prior to registration for CST 299). See |
| UNIX Operating Systems I CST 245 F/S/SU A Coreq: CSC 141 to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Total Total Total CSC 233 F/S A Coreq: CSC 141 Computer Hardware and Support CSC 233 F/S A Coreq: CSC 141 Coreq: CSC 141 Computer Hardware and Support CSC 233 F/S A Coreq: CSC 141 Coreq: CSC 141 Coreq: CSC 141 Computer Hardware and Support CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | If considering transfer, meet with |
| Liberal Arts Elective | UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | to discuss/begin the transfer |
| Liberal Arts Elective F/S/SU 3 Complete CST 231. Total 16 Complete CST 231. | Liberal Arts Elective | | F/S/SU | 3 | | account on the QCC job board to |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Coreq: CSC 141 | Liberal Arts Elective | | F/S/SU | 3 | | • |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Coreq: CSC 141 TSecurity Foundations CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Coordinator Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Coreq: CSC 141 Application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | | | | | | Complete CST 231. |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total Total Total Submit an Intent to Graduate Form, located on The Q. | | | Semeste | r 4 | | Continue with/complete the transfer |
| Total Placement into college level English QCC's job board and to review industry certification requirements and opportunities. QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | | CSC 233 | F/S | 4 | Coreq: CSC 141 | application process; or if seeking employment, meet with Career |
| Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | QCC's job board and to review |
| Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total Total 16 Complete CST 299 (with Program Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | Computer Forensics | CST 206 | F/S | 3 | CSC 141 | and opportunities. Complete CST 205 and CST 206. Complete CST 299 (with Program |
| Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 Submit an Intent to Graduate Form, located on The Q. | | CST 299 | F/S/SU | 3 | | |
| 1001 | Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Submit an Intent to Graduate Form, |
| | | | Total | 16 | | located on The Q. |
| | Total Credite Ro | equired | | | | |

<u>Computer & Information Technology</u> PROPOSED <u>Computer Systems Engineering Technology</u> - Forensics Option - Associate in Science (Program Code: SEF)

| Semester | Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------|---------|---------|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| E-Business Law & Ethics BSL 103 F/S 3 Coreq: CIS 111 Program (Piogram Code: SEF). Introduction to Criminal Justice CRJ 101 F/S/SU 3 Placement into college level English Composition I ENG 101 F/S/SU 3 Placement into college level English Complete all courses to graduate in four semesters. Complete CSC 141 F/S/SU 3 Placement into college level English Complete CSC 141 ENG 101, and the Mathematics Elective F/S/SU 3 Placement into college level English Complete CSC 141 ENG 101, and the Mathematics Elective Complete CSC 141 ENG 101, and the Mathematics Elective Complete CSC 141 ENG 101, and the Mathematics Elective Complete CSC 141 ENG 101, and the Mathematics Elective Complete CSC 141 ENG 101, and the Mathematics Elective Complete CSC 241 F/S/SU 3 CSC 141 ENG 101 ENG 102 F/S/SU 3 CSC 141 ENG 101 ENG 102 F/S/SU 3 ENG 101 ENG 102 ENG 101 ENG 102 F/S/SU 3 ENG 101 ENG 102 ENG 1 | | | | | | |
| windows Client Operating Systems CSC 141 F/S/SU 4 Composition I ENG 101 F/S/SU 3 Placement into college level English Mathematics Elective | E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | |
| Windows Client Operating Systems CSC 141 F/S/SU 3 Placement into college level English | Introduction to Criminal Justice | CRJ 101 | F/S/SU | 3 | Placement into college level English | |
| Composition I ENG 101 F/S/SU 3 Placement into college level English co-emoriling in CSET certificate. Mathematics Elective | | CSC 141 | F/S/SU | 4 | | four semesters. |
| Total 16 Semester 2 Criminal Investigation CRJ 207 F 3 ENG 101 Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 Gleck with Career Services to discuss the co-op process and leads for oc-op placements. GSC 234 F/S/SU 3 CSC 141 If considering transfer, meet with a Transfer Services Advisor. See www.QCC, edu/transfer. Composition II ENG 102 F/S/SU 3 ENG 101 Social Science Elective F/S/SU 3 ENG 101 CPS 298 F/S CPS 298 F/S CPS 298 F/S CPS 298 F/S CST 231 F/S/SU 3 ENG 101 CPS 298 F/S CST 231 F/S Internetworking Principles and Protocols Internetworking Principles and Protocols Internetworking Principles and Protocols Internetworking Systems I CST 235 F/S/SU 3 Coreq: CSC 234 Liberal Arts Elective F/S/SU 3 Placement into college level English CST 235 F/S/SU 3 CPS 298, Approval of Program Computer Forensics CST 299 F/S/SU 3 Placement into college level English Computer Forensics SPH 101 F/S/SU 3 Placement into college level English Total 16 Composition II Computer CST 299 (with Program Coordinator to discuss reactions for CST 299 (contact Career services to complete and repulsion for CST 299 (contact Career Services to complete and repulsion for CST 299 (contact Career Services to complete and repulsion for CST 299 (contact Career Services to complete and repulsion for CST 299 (contact Career Services to complete and repulsion for CST 299 (contact Career Services CST 244 (coreq: CSC 141) Total 16 Computer Hardware and Support CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Coreq: CSC 141 Condition of CSC 233 F/S 4 Coreq: CSC 141 Condition of CSC 234 Condition of CSC 235 (contact Career Services for career readiness preparation and to learn more about QCC spot and to review industry certification requirements and opportunities. Complete CST 299 (with Program Coordinator Approval) Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level Eng | Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| Semester 2 Semester 2 Meet with Career Services to discuss the co-op piacements. | Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, ENG 101, and |
| Criminal Investigation CRJ 207 F 3 ENG 101 Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 1411 Windows Server Operating Systems Composition II ENG 102 F/S/SU 3 ENG 101 Social Science Elective F/S/SU 3 ENG 101 Pre Cooperative Education Seminar Pre Cooperative Education Seminar CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 UNIX Operating Principles and Protocols UNIX Operating Systems I CST 245 F/S/SU 3 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Computer Hardware and Support Computer Hardware and Support Computer Forensics CST 299 F/S/SU 3 Coreq: CSC 141 Semester 4 Computer Forensics CST 299 F/S/SU 3 Placement into college level English CST 299 F/S/SU 3 Placement into College level English Total 16 Coreq: CSC 141 Coreq: CSC 141 Coreq: CSC 141 Coreq: CSC 231 Coreq: CSC 244 Coreq: CSC 244 Coreq: CSC 244 Coreq: CSC 141 Computer Forensics CST 299 F/S/SU 3 Placement into college level English Total 16 Complete CST 299 (www.QCC.edu/career-services to complete CSC 231 Complete CST 295 Submit an Intent of Corequire and opportunities. Complete CST 295 Submit an Intent to Graduate Form, located on The QC. | | | Total | 16 | | the Mathematics Elective. |
| Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 leads for co-op placements. leads for co-op placements leads for lead | | | Semeste | r 2 | | Meet with Career Services to |
| Networking Technologies CSC 234 F/S/SU 4 Coreq: CSC 141 leads for co-op placements. | Criminal Investigation | CRJ 207 | F | 3 | ENG 101 | discuss the co-op process and |
| Windows Server Operating Systems CSC 241 F/S 3 CSC 141 F/S/SU 3 ENG 101 Semester 3 F/S/SU 3 ENG 101 F/S/SU 3 ENG 10 | | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | |
| Composition II ENG 102 F/S/SU 3 Social Science Elective F/S/SU 13 FOOD F/S/SU 13 Semester 3 Semester 3 Semester 3 Semester 3 Meet with Program Coordinator to CPS 298 F/S 0 Seminar CPS 298 Seminar CPS 298 F/S 0 Seminar CPS 298 Seminar CPS 298 Seminar CPS 298 Seminar CPS 298 Seminar Seminar CPS 298 Seminar Seminar CPS 298 Seminar Seminar CPS 298 Seminar Seminar Seminar CPS 298 Seminar Seminar CPS 298 Seminar CPS 298 Seminar Se | Windows Server Operating | CSC 241 | F/S | 3 | | If considering transfer, meet with a |
| Total 16 Complete CSC 234 and ENG 102 | Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Total 16 Semester 3 Meet with Program Coordinator to CPS 298 F/S 0 Contact Career Services to complete all requirements of CPS 298 F/S 0 Contact Career Services to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator to complete all requirements of CPS 298 from Coordinator from Coor | Social Science Elective | | F/S/SU | 3 | | www.Qoo.edd/transier. |
| Pre Cooperative Education Seminar CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 231 F/S 3 Coreq: CSC 234 UNIX Operating Systems I Liberal Arts Elective F/S/SU 3 Coreq: CSC 141 Liberal Arts Elective F/S/SU 3 Coreq: CSC 141 Computer Hardware and Support CST 233 F/S Semester 4 Computer Hardware and Support CST 205 Semester 4 Computer Forensics CST 205 F/S SSU 3 Coreq: CSC 141 Computer Hardware and Support CST 205 F/S SSU 3 Placement into college level English Computer Forensics CST 206 F/S Seminar CST 209 F/S/SU 3 Placement into college level English Computer Cordinator Computer CST 299 (with Program Coordinator to discuss readiness for CST 299. Submit an Intent to Graduate Form, located on The Q. Complete CST 205 (cored) CST 206 Complete CST 206 Complete CST 207 Complete CST 208 Complete CST 209 Co | | | | | | Complete CSC 234 and FNG 102 |
| Pre Cooperative Education Seminar CPS 298 F/S 0 Contact Career Services to complete all requirements of CPS 298. Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 | | | | - | | |
| Pre Cooperative Education Seminar CPS 298 F/S 0 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 299 Krequired prior to registration for CST 299 Krequired prior to registration for CST 299 See www.QCC.edu/career-services. If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Computer Hardware and Support CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Computer Forensics CST 209 F/S/SU 3 Placement into college level English Computer Seminar CST 299 F/S/SU 3 Placement into college level English Complete CST 299 (with Program Coordinator Program Coordinator approval). Complete CST 299 (with Program Coordinator Program Coordinator Program) Computer Application process; or if seeking employment, meet with Career services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Complete CST 299 (with Program Coordinator Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 | | | | | | |
| Evidence & Court Procedure CRJ 211 F/S/SU 3 ENG 101 CST 291 P/S Coreq: CSC 234 Coreq: CSC 234 UNIX Operating Systems I CST 245 F/S/SU 4 Coreq: CSC 141 Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Computer Forensics CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S Seminar CSC 239 F/S/SU 3 Placement into college level English Complete CST 205 with Program Coordinator Complete CST 299 (with Program Coordinator Approval). Submit an Intent to Graduate Form, located on The Q. | • | CPS 298 | F/S | 0 | | Contact Career Services to |
| UNIX Operating Systems I CST 245 F/S/SU 4 Coreq: CSC 244 If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Liberal Arts Elective F/S/SU 3 Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar Coordinator Coordinator Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 Submit an Intent to Graduate Form, located on The Q. | Evidence & Court Procedure | CRJ 211 | F/S/SU | 3 | ENG 101 | 298 (required prior to registration for |
| UNIX Operating Systems I CST 245 F/S/SU 4 Coreq: CSC 141 representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Total 16 Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Continue with/complete the transfer application process; or or seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & SPH 101 F/S/SU 3 Placement into college level English Total 16 Support CST 299 F/S/SU 3 Placement into college level English Computer Forensics CST 299 F/S/SU 3 Placement into college level English Computer Forensics CST 299 F/S/SU 3 Placement into college level English Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Total 16 Support | | CST 231 | F/S | 3 | Coreq: CSC 234 | |
| Liberal Arts Elective | UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | representatives of four-year schools to discuss/begin the transfer application process; or create an |
| Liberal Arts Elective — F/S/SU 3 Complete CST 231. Total 16 Computer CST 231. Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 Placement into college level English Coordinator CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | Liberal Arts Elective | | F/S/SU | 3 | | |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 Coreq: CSC 141 | Liberal Arts Elective | | F/S/SU | 3 | | |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 TSecurity Foundations CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 Placement into college level English CPS 298, Approval of Program Coordinator CPS 298, Approval of Program Coordinator Computer Seminar Computer Forensics CST 299 F/S/SU 3 Placement into college level English Total 16 Coreq: CSC 141 Application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | | | | | | Complete CST 231. |
| Computer Hardware and Support CSC 233 F/S 4 Coreq: CSC 141 TSecurity Foundations CST 205 S/SU 3 Placement into college level English Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 Placement into college level English CPS 298, Approval of Program Coordinator CPS 298, Approval of Program Coordinator Computer Seminar Computer Forensics CST 299 F/S/SU 3 Placement into college level English Total 16 Coreq: CSC 141 Application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to review industry certification requirements and opportunities. Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Submit an Intent to Graduate Form, located on The Q. | | | Semeste | r 4 | | Continue with/complete the transfer |
| To Security Foundations CST 205 S/SU 3 Placement into college level English QCC's job board and to review industry certification requirements and opportunities. Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | • | CSC 233 | | | Coreq: CSC 141 | application process; or if seeking employment, meet with Career |
| Computer Forensics CST 206 F/S 3 CSC 141 Cooperative Work Experience & Seminar CST 299 F/S/SU Speech Communication Skills SPH 101 F/S/SU 3 CPS 298, Approval of Program Coordinator Coordinator Complete CST 205 and CST 206. Complete CST 299 (with Program Coordinator approval). Speech Communication Skills Submit an Intent to Graduate Form, located on The Q. | IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | QCC's job board and to review |
| Cooperative Work Experience & Seminar CST 299 F/S/SU 3 CPS 298, Approval of Program Coordinator Complete CST 299 (with Program Coordinator approval). Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | Computer Forensics | CST 206 | F/S | 3 | CSC 141 | 1 11 |
| Speech Communication Skills SPH 101 F/S/SU 3 Placement into college level English Submit an Intent to Graduate Form, located on The Q. | | CST 299 | F/S/SU | 3 | | Complete CST 299 (with Program |
| Total 10 | Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Submit an Intent to Graduate Form, |
| | | | Total | 16 | | located on The Q. |
| | Total Credite R | equired | | 64 | | |

<u>Computer & Information Technology</u> CURRENT Cyber Security Certificate (Program Code: CBS)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | | | | |
|------------------------------------------|------------|---------|---------|--------------------------------------------------|-------------------------------------------------------------------|--|--|--|--|
| | Semester 1 | | | | | | | | |
| E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | program (Program Code: CBS). | | | | |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in | | | | |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | two semesters. | | | | |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate | | | | |
| | | Total | 15 | | degree. | | | | |
| | | Semeste | er 2 | | If seeking employment, meet with | | | | |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Career Services for career readiness preparation and to learn | | | | |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | more about QCC's job board and to | | | | |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | review industry certification requirements and opportunities. | | | | |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | Submit an Intent to Graduate Form, located on <i>The Q</i> . | | | | |
| | | Total | 12 | | located on The Q. | | | | |
| Total Credits R | equired | | 27 | | | | | | |

<u>Computer & Information Technology</u> PROPOSED Cyber Security Certificate (Program Code: CBS)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------|----------|---------|---------|--------------------------------------|-------------------------------------------------------------------|
| | | Semest | er 1 | | Apply and get accepted to this |
| E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | program (Program Code: CBS). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | two semesters. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate |
| | | Total | 15 | | degree. |
| | | Semest | er 2 | | If seeking employment, meet with |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Career Services for career readiness preparation and to learn |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | more about QCC's job board and to |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | review industry certification requirements and opportunities. |
| Internetworking Principles and Protocols | CST 231 | F/S | 3 | Coreq: CSC 234 | Submit an Intent to Graduate Form, |
| Total | | 12 | | located on The Q. | |
| Total Credits Required | | | 27 | | |

<u>Computer & Information Technology</u> CURRENT Network Associate Certificate (Program Code: NAC)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | | | | | |
|------------------------------------------|------------|---------|---------|--------------------------------------------------|----------------------------------------------------------------------|--|--|--|--|--|
| | Semester 1 | | | | | | | | | |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: NAC). Register for and successfully | | | | | |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in | | | | | |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | two semesters. | | | | | |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate | | | | | |
| | | Total | 15 | | degree. | | | | | |
| | | Semeste | er 2 | | If seeking employment, meet with | | | | | |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | Career Services for career | | | | | |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | readiness preparation and to learn more about QCC's job board and to | | | | | |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | review industry certification requirements and opportunities. | | | | | |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | | | | | | |
| Unified Communications | CST 253 | S | 1 | CSC 141, CSC 234, Coreq: CST 231 | Submit an Intent to Graduate Form, | | | | | |
| | | Total | 13 | | located on <i>The</i> Q. | | | | | |
| Total Credits Required | | | 28 | | | | | | | |

<u>Computer & Information Technology</u> PROPOSED Network Associate Certificate (Program Code: NAC)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | | | | |
|------------------------------------------|------------|---------|---------|--------------------------------------|----------------------------------------------------------------------|--|--|--|--|
| | Semester 1 | | | | | | | | |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: NAC). Register for and successfully | | | | |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in | | | | |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | two semesters. | | | | |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate | | | | |
| | | Total | 15 | | degree. | | | | |
| | | Semeste | er 2 | | If seeking employment, meet with | | | | |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | Career Services for career | | | | |
| Internetworking Principles and Protocols | CST 231 | F/S | 3 | Coreq: CSC 234 | readiness preparation and to learn more about QCC's job board and to | | | | |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | review industry certification requirements and opportunities. | | | | |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | | | | | |
| Unified Communications | CST 253 | S | 1 | CSC 141, CSC 234, Coreq: CST 231 | Submit an Intent to Graduate Form, | | | | |
| | | Total | 13 | | located on <i>The Q</i> . | | | | |
| Total Credits R | equired | | 28 | | | | | | |

<u>Computer & Information Technology</u> CURRENT Network Technician Certificate (Program Code: NTC)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------|------------------------|---------|---------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semeste | er 1 | | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: NTC). Register for and successfully complete all courses to graduate in one semester. This program can be |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | completed in Fall or Spring, except CSC 210 (Spring or Summer only). |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate degree. |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | If seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | review industry certification requirements and opportunities. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Total Credits R | Total Credits Required | | | | |

<u>Computer & Information Technology</u> PROPOSED Network Technician Certificate (Program Code: NTC)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------|----------|---------|---------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semeste | er 1 | | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: NTC). Register for and successfully complete all courses to graduate in one semester. This program can be |
| Storage Technologies | CSC 210 | S/SU | 3 | Placement into college level English | completed in Fall or Spring, except CSC 210 (Spring or Summer only). |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | Meet with Academic Advisor about co-enrolling in CSET associate degree. |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | If seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board and to |
| Internetworking Principles and Protocols | CST 231 | F/S | 3 | Coreq: CSC 234 | review industry certification requirements and opportunities. Submit an Intent to Graduate Form located on <i>The Q</i> . |
| Total Credits R | equired | | 17 | | |

| 1. | Course Number and Name: CSC 101 Introduction to Progra (from current AY22/23 catalog) | amming Using Python | |
|-----|----------------------------------------------------------------------------------------------------------------|----------------------------------------|--|
| 2. | Originator: Charu Trivedi | Date: May 11, 2023 | |
| 3. | School Dean: Betty Lauer | Date: May 11, 2023 | |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Process (if applicable) | Date: | |
| 6. | Recommended by the <u>School of Business</u> , <u>Engineering & Tec</u> Comments: Unanimously approved. | <u>chnology</u> Date: <u>5/18/2023</u> | |
| 7. | AA Leadership Team: Kevin Li | Date: 09/19/23 | |
| | Recommended: X Not Recommended: Comments: | | |
| 8. | VP/Academic Affairs:James Keane | Date: 09/19/23 | |
| | Recommended: x Not Recommended: Comments: | | |
| 9. | Learning Council: | Date: | |
| | Recommended: Not Recommended: Comments: | | |
| 10. | VP/Academic Affairs: | | |
| | Approved: Not Approved: Comments: | | |

| Type of Revision: | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber Name# | | | | | | | | |
| Credits | | | | | | | | |
| Elective TypeOther (explain) | | | | | | | | |
| Course Discipline or Department: CIS School: BET | | | | | | | | |
| Current Course Number: CSC 101 | | | | | | | | |
| Current Course Name: Introduction to Programming Using Python | | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | | |
| | | | | | | | | |
| CSC 101 Introduction to Programming Using Python | | | | | | | | |
| This course introduces analytical thinking and problem solving using the Python programming language. | | | | | | | | |
| Python is a modern language popular in many scientific and engineering disciplines. Students learn key | | | | | | | | |
| concepts that help them learn how to work with data in their disciplines. This course covers basic logic | | | | | | | | |
| operations, creating reusable and generic functions, and the use of data structures to represent the components of a problem. Topics include control structures, iterators, functions, and basic data | | | | | | | | |
| structures, such as list, dictionary, file, etc., which are common in many programming languages. | | | | | | | | |
| Students implement, comment, test, and debug programs through class assignments. | | | | | | | | |
| Credits: 3 | | | | | | | | |
| Prerequisite: MAT 099 with a grade of "C" or higher or appropriate placement score | | | | | | | | |
| Semester Offered: F | | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | | |
| CSC 101 Introduction to Programming Using Python This course introduces analytical thinking and problem solving using the Python programming language. Python is a modern language popular in many scientific and engineering disciplines. Students learn key concepts that help them learn how to work with data in their disciplines. This course covers basic logic operations, creating reusable and generic functions, and the use of data structures to represent the components of a problem. Topics include control structures, iterators, functions, and basic data structures, such as list, dictionary, file, etc., which are common in many programming languages. Students implement, comment, test, and debug programs through class assignments. Credits: 3 Prerequisite: MAT 095 with a grade of "C" or higher or appropriate placement score Semester Offered: F | | | | | | | | |
| Rationale for the change: | | | | | | | | |
| | | | | | | | | |
| Requirement of Math Department - MAT 099 is no longer being offered. | | | | | | | | |
| Provide a description of any change in course content. | | | | | | | | |
| None. | | | | | | | | |
| | | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | | | |
| appear in the college catalog): | | | | | | | | |
| Data Science Certificate (Program Code: DS) | | | | | | | | |
| Data Science Certificate (Program Code: DS) Computer Systems Engineering Technology - Computer Support Option - Associate in | | | | | | | | |
| Science (Program Code: SECS) | | | | | | | | |
| Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science | | | | | | | | |
| • Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science (Program Code: SECY) | | | | | | | | |

- Computer Systems Engineering Technology Enterprise Information Technology (IT)
 Option Associate in Science (Program Code: SEIT)
- Engineering Pre-Engineering and Engineering Technology Certificate (Program Code: PET)

Please confer with the coordinator of the affected department.

Attach current and proposed academic maps (with changes in **bold**) for all affected programs. You can obtain academic maps from Barb Zabka.

Attached.

Please submit a generic syllabus to your dean with all of the revisions included.

<u>Computer & Information Technology</u>

Data Science Certificate (Program Code: DS)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|----------|---------|---------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| | | Semeste | er 1 | | Apply and get accepted to this |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | program (Program Code: DS). |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | Register for and successfully complete all courses to graduate in two semesters. |
| Introduction to Programming Using Python | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | Complete CIS 111 and CIS 121. |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | |
| | | Total | 12 | | |
| | | Semeste | er 2 | | If seeking employment, meet with |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Career Services for career readiness preparation and to learn more about QCC's job board. |
| Management of Data Analytics | CIS 206 | F | 3 | CIS 105 or CIS 111 or CIS 243, MAT 122 | Submit an Intent to Graduate Form, |
| .NET Programming I | CIS 223 | S | 3 | CIS 105 or CIS 111, CIS 121 or CSC 108 | located on <i>The Q</i> . |
| SQL Programming | CIS 228 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Database Management Concepts | CIS 244 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| | | Total | 15 | | |
| Total Credits R | equired | | 27 | | |

<u>Computer & Information Technology</u> Data Science Certificate (Program Code: DS)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|----------|---------|---------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| | | Semeste | er 1 | | Apply and get accepted to this |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | program (Program Code: DS). |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | Register for and successfully complete all courses to graduate in two semesters. |
| Introduction to Programming Using Python | CSC 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Complete CIS 111 and CIS 121. |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | |
| | | Total | 12 | | |
| | | Semeste | er 2 | | If seeking employment, meet with |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Career Services for career readiness preparation and to learn more about QCC's job board. |
| Management of Data Analytics | CIS 206 | F | 3 | CIS 105 or CIS 111 or CIS 243, MAT 122 | Submit an Intent to Graduate Form, |
| .NET Programming I | CIS 223 | S | 3 | CIS 105 or CIS 111, CIS 121 or CSC 108 | located on <i>The Q</i> . |
| SQL Programming | CIS 228 | Ø | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Database Management Concepts | CIS 244 | Ø | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| | | Total | 15 | | |
| Total Credits R | equired | | 27 | | |

Computer & Information Technology CURRENT
Computer Systems Engineering Technology - Computer Support Option - Associate in Science (Program Code: SECS)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|--------------------|-----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | OGGIGG # | Semeste | | 1 Toroquisites | Apply and get accepted to this |
| Mindows Olivert On antino | 1 | | | I | program (Program Code: SECS). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU Total | 3 17 | | Complete CSC 141, CSC 234, ENG 101, and the Mathematics Elective. |
| | | Semeste | | | Meet with Career Services to |
| Introduction to Microcomputer | 1 | T | | | discuss the co-op process and |
| Applications | CIS 111 CSC 105 | F/S/SU F/S | 3 | | leads for co-op placements. |
| IT Help Desk Concepts | CSC 105 | F/S | | | If considering transfer, meet with a |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | Transfer Services Advisor. See |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | www.QCC.edu/transfer. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CIS 111 and ENG 102. |
| | | Total | 15 | | |
| | 1 | Semeste | er 3 | 1 010 444 Bt | Meet with Program Coordinator to |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | discuss readiness for CST 299. Contact Career Services to |
| Introduction to Programming with C++ OR | CIS 121 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | complete all requirements of CPS 298 (required prior to registration for CST 299). See www.qcc.edu/career-services . |
| Introduction to Programming Using Python OR | CSC 101 | <u> </u> | o O | MAT 099 with a grade of "C" or higher or approp place score | If considering transfer, meet with |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | representatives of four-year schools to discuss/begin the transfer |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | application process; or create an account on the QCC job board to |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | search for internships, co-ops and jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 16 | | |
| | 1 | Semeste | 1 | | Continue with/complete the transfer |
| Mobile Operating Systems | CSC 140 | F/S | 3 | | application process; or if seeking employment, meet with Career |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Services for career readiness preparation and to learn more about |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | QCC's job board and to review industry certification requirements |
| Technical and Workplace Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 15 | | |
| Total Credits R | equired | | 63 | | |

Computer & Information Technology PROPOSED Computer Systems Engineering Technology - Computer Support Option - Associate in Science (Program Code: SECS)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|--------------------|------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semeste | r 1 | | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | program (Program Code: SECS). Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 17 | | Complete CSC 141, CSC 234, ENG |
| | | Total Semeste | | | 101, and the Mathematics Elective. Meet with Career Services to |
| Introduction to Microcomputer | | | | | discuss the co-op process and |
| Applications . | CIS 111 CSC 105 | F/S/SU F/S | 3 | | leads for co-op placements. |
| IT Help Desk Concepts | CSC 105 | F/3 | | | If considering transfer, meet with a |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | Transfer Services Advisor. See www.QCC.edu/transfer. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CIS 111 and ENG 102. |
| | | Total | 15 | | |
| | 1 | Semeste | er 3 | Loro 444 Bi | Meet with Program Coordinator to |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | discuss readiness for CST 299. Contact Career Services to |
| Introduction to Programming with C++ OR | CIS 121 | F/S | 2 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | complete all requirements of CPS 298 (required prior to registration for CST 299). See www.QCC.edu/career-services . |
| Introduction to Programming Using Python OR | CSC 101 | <u> </u> | 3 | MAT 095 with a grade of "C" or higher or approp place score | If considering transfer, meet with |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | representatives of four-year schools to discuss/begin the transfer |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | application process; or create an account on the QCC job board to |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | search for internships, co-ops and jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 16 | | |
| | 1 | Semeste | r 4 | | Continue with/complete the transfer |
| Mobile Operating Systems | CSC 140 | F/S | 3 | | application process; or if seeking employment, meet with Career |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | Services for career readiness preparation and to learn more about |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | QCC's job board and to review industry certification requirements |
| Technical and Workplace Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| T 1 10 " - | <u> </u> | Total | 15 | | |
| Total Credits R | equired | | 63 | | |

<u>Computer & Information Technology</u> CURRENT Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science (Program Code: SECY)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|----------|---------|---------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| | | Semeste | | , | Apply and get accepted to this |
| Windows Client Operating | CSC 141 | F/S/SU | 4 | | program (Program Code: SECY). |
| Systems | 000 111 | 170700 | | | Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 17 | | 101, and the Mathematics Elective. |
| | | Semeste | er 2 | | Meet with Career Services to |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | discuss the co-op process and leads for co-op placements. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | www.Qcc.edu/transier. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241, CST 205, and |
| | | Total | 16 | | ENG 102. |
| | | Semeste | er 3 | | Meet with Program Coordinator to |
| Introduction to Programming | 010.404 | | | Placement into college level English, MAT 095 with a grade of "C" or higher | discuss readiness for CST 299. |
| with C++ OR | CIS 121 | | | or approp place score, Coreq: CIS 105 or CIS 111 | Contact Career Services to complete all requirements of CPS |
| Introduction to Programming Using Python OR | CSC 101 | F/S | F/S 3 | MAT 099 with a grade of "C" or higher or approp place score | 298 (required prior to registration fo CST 299). See www.QCC.edu/career-services. |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | If considering transfer, meet with representatives of four-year schools |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | to discuss/begin the transfer application process; or create an |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | account on the QCC job board to |
| Advanced Topics in Security | CST 211 | F/S | 3 | CST 205 | search for internships, co-ops and |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Complete CIS 121 or CSC 101 or |
| Technical and Workplace Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | CSC 201. |
| - | | Total | 19 | | Complete CST 231. |
| | | Semeste | er 4 | | Continue with/complete the transfer |
| Ethical Hacking | CST 209 | S | 3 | CSC 201, CST 205 | application process; or if seeking employment, meet with Career |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | Services for career readiness preparation and to learn more about |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | QCC's job board and to review industry certification requirements and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 209 and CST 240. |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | | Total | 15 | | located on <i>The Q</i> . |
| Total Credits R | equired | | 67 | | |

Computer & Information Technology PROPOSED Computer Systems Engineering Technology - Cybersecurity Option - Associate in Science (Program Code: SECY)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|-----------|---------|----------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|
| | Course in | Semeste | | 1 Toroquiono | Apply and get accepted to this |
| Windows Client Operating | | | 1 | | program (Program Code: SECY). |
| Systems | CSC 141 | F/S/SU | 4 | | , , |
| | 000001 | F/0/011 | | 0 000 111 | Register for and successfully |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | complete all courses to graduate in four semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Tour semesters. |
| | | | | | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 17 | | 101, and the Mathematics Elective. |
| | | Semeste | er 2 | | Meet with Career Services to |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | discuss the co-op process and leads for co-op placements. |
| Windows Server Operating | | | _ | | |
| Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Enterprise IT Systems Security | CST 208 | S | 3 | CSC 141 | |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241, CST 205, and |
| | | Total | 16 | | ENG 102. |
| | 1 | Semeste | er 3 | | Meet with Program Coordinator to |
| Introduction to Drogramming | | | | Placement into college level English, MAT 095 with a grade of "C" or higher | discuss readiness for CST 299. |
| Introduction to Programming with C++ OR | CIS 121 | | | or approp place score, Coreq: CIS 105 | Contact Career Services to |
| With C++ OK | | | | or CIS 111 | complete all requirements of CPS |
| Introduction to Programming | | F/S | 3 | MAT 095 with a grade of "C" or higher | 298 (required prior to registration for |
| Using Python OR | CSC 101 | 170 | <u> </u> | or approp place score | CST 299). See |
| Comg i yancii Ci | | | | or approp place seers | www.QCC.edu/career-services. |
| Systems Programming and | CSC 201 | | | CSC 141, Coreq: CST 245 | If considering transfer, meet with |
| Scripting | 000 201 | | | 000 141, 001cq. 001 240 | representatives of four-year schools |
| Pre Cooperative Education | CPS 298 | F/S | 0 | | to discuss/begin the transfer |
| Seminar | | | | | application process; or create an |
| Computer Forensics | CST 206 | F/S | 3 | CSC 141 | account on the QCC job board to |
| Advanced Topics in Security | CST 211 | F/S | 3 | CST 205 | search for internships, co-ops and |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | jobs. |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | Complete CIS 121 or CSC 101 or |
| Technical and Workplace | | | | · | CSC 201. |
| Writing | ENG 205 | F/S/SU | 3 | ENG 102, Computer Literacy | |
| | | Total | 19 | | Complete CST 231. |
| | ı | Semeste | er 4 | T | Continue with/complete the transfer |
| Ethical Hacking | CST 209 | S | 3 | CSC 201, CST 205 | application process; or if seeking employment, meet with Career |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | Services for career readiness preparation and to learn more about |
| | | | | | QCC's job board and to review |
| Cooperative Work Experience | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program | industry certification requirements |
| & Seminar | | . , |] | Coordinator | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 209 and CST 240. |
| | | | | | - |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 15 | | |
| Total Credits R | equired | | 67 | | |

<u>Computer & Information Technology</u>

CURRENT

Computer Systems Engineering Technology - Enterprise Information Technology (IT) Option - Associate in Science (Program Code: SEIT)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | |
|----------------------------------------------------|--------------------|-----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|
| | | Semeste | | | Apply and get accepted to this | |
| IT Help Desk Concepts | CSC 105 | F/S | 2 | | program (Program Code: SEIT). | |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in four semesters. | |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | iour semesters. | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. | |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG | |
| | | Total | 19 | | 101, and the Mathematics Elective. | |
| Starage Technologies | CSC 210 | Semeste S/SU | | Placement into college level English | Meet with Career Services to | |
| Storage Technologies Computer Hardware and | | | 3 | | discuss the co-op process and leads for co-op placements. | |
| Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | | |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See | |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. | |
| Composition II Project Management | ENG 102 MGT 205 | F/S/SU F/S | 3 | ENG 101 ENG 101 | Complete CSC 241 and ENG 102. | |
| Project Management | WG1 205 | Total | 19 | ENG 101 | Complete GGG 211 and 2110 102. | |
| | L | Semeste | _ | | For the Technology Career Elective, | |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | choose one technical course from CIS, CSC, CST, ELM, ELT, IMD, or IMG course designations. | |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | Meet with Program Coordinator to discuss readiness for CST 299. | |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | Contact Career Services to complete all requirements of CPS | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | 298 (required prior to registration for CST 299). See | |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | www.QCC.edu/career-services. | |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer | |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | application process; or create an account on the QCC job board to | |
| Liberal Arts Elective | | F/S/SU | 3 | | search for internships, co-ops and jobs. | |
| Technology Career Elective | | S/SU | 3 | | | |
| | | Total | 19 | | Complete CST 231. | |
| Telecommunications in Business | CST 207 | Semeste F/S | 3 | Placement into college level English | Continue with/complete the transfer application process; or if seeking employment, meet with Career | |
| Enterprise Application Infrastructure | CST 238 | S/SU | 3 | Coreq: CSC 241 | Services for career readiness preparation and to learn more about | |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | QCC's job board and to review industry certification requirements | |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | and opportunities. | |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 238 and CST 240. | |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, | |
| | | Total | 18 | | located on <i>The Q</i> . | |
| Total Credits R | equired | | 75 | | | |

<u>Computer & Information Technology</u>

PROPOSED

Computer Systems Engineering Technology - Enterprise Information Technology (IT) Option - Associate in Science (Program Code: SEIT)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------------|----------|---------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| IT Help Desk Concepts | CSC 105 | Semeste F/S | e r 1 | | Apply and get accepted to this program (Program Code: SEIT). |
| 11 Help Desk Concepts | CSC 105 | F/3 | | | program (Program Code, SETT). |
| Windows Client Operating Systems | CSC 141 | F/S/SU | 4 | | Register for and successfully complete all courses to graduate in four semesters. |
| Networking Technologies | CSC 234 | F/S/SU | 4 | Coreq: CSC 141 | 100.00.1100.010. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor about |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | co-enrolling in CSET certificate. |
| Mathematics Elective | | F/S/SU | 3 | | Complete CSC 141, CSC 234, ENG |
| | | Total | 19 | | 101, and the Mathematics Elective. |
| Storage Technologies | CSC 210 | Semeste S/SU | 3 3 | Placement into college level English | Meet with Career Services to discuss the co-op process and |
| Computer Hardware and Support | CSC 233 | F/S | 4 | Coreq: CSC 141 | leads for co-op placements. |
| Windows Server Operating Systems | CSC 241 | F/S | 3 | CSC 141 | If considering transfer, meet with a Transfer Services Advisor. See |
| IT Security Foundations | CST 205 | S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CSC 241 and ENG 102. |
| Project Management | MGT 205 | F/S Total | 3 19 | ENG 101 | Complete COC 241 and ENG 102. |
| | | Semeste | - | | For the Technology Career Elective, |
| Introduction to Programming with C++ OR | CIS 121 | | | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | choose one technical course from CIS, CSC, CST, ELM, ELT, IMD, or IMG course designations. |
| Introduction to Programming Using Python OR | CSC 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Meet with Program Coordinator to discuss readiness for CST 299. |
| Systems Programming and Scripting | CSC 201 | | | CSC 141, Coreq: CST 245 | Contact Career Services to complete all requirements of CPS |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | 298 (required prior to registration for CST 299). See |
| Internetworking Principles and Protocols | CST 231 | F/S/SU | 3 | MAT 100 or approp place score, Coreq: CSC 234 | www.QCC.edu/career-services. |
| Network Infrastructure Management | CST 235 | S | 3 | CSC 234, Coreq: CST 231 | If considering transfer, meet with representatives of four-year schools |
| UNIX Operating Systems I | CST 245 | F/S/SU | 4 | Coreq: CSC 141 | to discuss/begin the transfer application process; or create an account on the QCC job board to |
| Liberal Arts Elective | | F/S/SU | 3 | | search for internships, co-ops and jobs. |
| Technology Career Elective | | S/SU | 3 | | |
| | | Total Semeste | 19 | | Complete CST 231. |
| Telecommunications in Business | CST 207 | F/S | 3 | Placement into college level English | Continue with/complete the transfer application process; or if seeking employment, meet with Career |
| Enterprise Application Infrastructure | CST 238 | S/SU | 3 | Coreq: CSC 241 | Services for career readiness preparation and to learn more about |
| Routing Technologies | CST 240 | S | 3 | Coreq: CST 231 | QCC's job board and to review industry certification requirements |
| Cooperative Work Experience & Seminar | CST 299 | F/S/SU | 3 | CPS 298, Approval of Program Coordinator | and opportunities. |
| Liberal Arts Elective | | F/S/SU | 3 | | Complete CST 238 and CST 240. |
| Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | | Total | 18 | | located on The Q. |
| Total Credits R | equired | | 75 | | |

Engineering & Engineering Technology
Engineering - Pre-Engineering and Engineering Technology Certificate (Program Code: PET) **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|---------------------------------------------------|----------|-----------|----------|-------------------------------------------------------------|----------------------------------------------------------------------------|
| Semester 1 | | | 1 (Fall) | | Apply and get accepted to this |
| Introduction to Programming Using Python | CSC 101 | F/S | 3 | MAT 099 with a grade of "C" or higher or approp place score | program (Program Code: PET). |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Register for and successfully complete all courses to graduate in |
| Electronics I OR | ELT 103 | F/S | 4 | Placement into college level English, | two semesters. |
| Digital Circuits | ELT 121 | F/S | 4 | MAT 095 with a grade of "C" or higher or approp place score | Meet with Program Coordinator. |
| College Algebra OR | MAT 100 | | | MAT 099 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to |
| College Mathematics I: Pre- Calculus OR | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | discuss associate degree (Program Code: ERG). |
| College Mathematics II: Trigonometry | MAT 124 | | | MAT 123 or approp place score | Complete ENG 101 and one college |
| | | Total | 13 | | level MAT course. |
| | | emester 2 | <u> </u> | | Apply to associate degree (Program |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Code: ERG). |
| College Mathematics I: Pre- Calculus OR | MAT 123 | | | MAT 100 or approp place score | Complete ENG 102 and one college level MAT course. |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/SU | 3-4 | MAT 123 or approp place score | For the Science Elective, take one of the following suggested courses: BIO |
| Calculus I | MAT 233 | | | MAT 124 or approp place score | 100, BIO 107, CHM 101, CHM 123, |
| Mechanical CAD I OR | MNT 101 | F/S | 3 | MAT 095 with a grade of "C" or higher | PHY 101, or SCI 103. |
| Basic Machine Operation | MNT 108 | | - | or approp place score | |
| Science Elective | | F/S/SU | 3-4 | | Submit an Intent to Graduate Form, |
| | | Total | 12-14 | | located on The Q. |
| Total Credits R | Required | | 25-27 | | |

Engineering & Engineering Technology

Engineering - Pre-Engineering and Engineering Technology Certificate (Program Code: PET) **PROPOSED**

| O | 0 | Off | 0 | D | Milesteres |
|---------------------------------------------------|----------|------------|----------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
| | 1 | Semester ' | ı (Fall) | | Apply and get accepted to this |
| Introduction to Programming Using Python | CSC 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | program (Program Code: PET). |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Register for and successfully complete all courses to graduate in |
| Electronics I OR | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher | two semesters. |
| Digital Circuits | ELT 121 | 173 | 4 | or approp place score | Meet with Program Coordinator. |
| College Algebra OR | MAT 100 | | | MAT 099 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to |
| College Mathematics I: Pre- Calculus OR | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | discuss associate degree (Program Code: ERG). |
| College Mathematics II: Trigonometry | MAT 124 | | | MAT 123 or approp place score | Complete ENG 101 and one college |
| | | Total | 13 | | level MAT course. |
| | S | emester 2 | (Spring) | | Apply to associate degree (Program |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Code: ERG). |
| College Mathematics I: Pre- Calculus OR | MAT 123 | | | MAT 100 or approp place score | Complete ENG 102 and one college level MAT course. |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/SU | 3-4 | MAT 123 or approp place score | For the Science Elective, take one of the following suggested courses: BIO |
| Calculus I | MAT 233 | | | MAT 124 or approp place score | 100, BIO 107, CHM 101, CHM 123, |
| Mechanical CAD I OR | MNT 101 | E/C | 2 | MAT 095 with a grade of "C" or higher | PHY 101, or SCI 103. |
| Basic Machine Operation | MNT 108 | F/S | 3 | or approp place score | |
| Science Elective | | F/S/SU | 3-4 | | Submit an Intent to Graduate Form, |
| | | Total | 12-14 | | located on The Q. |
| Total Credits F | Required | | 25-27 | | |

| 1. | Course Number and Name (current): IMD 121 Graphic Design I | | | | |
|-----|--------------------------------------------------------------------------------------------------------------|---------|------------------------|--|--|
| 2. | Originator: Mary Valentine/Nate Mello | Date: | 9/28/22 | | |
| 3. | School Dean: Betty Lauer | Date: | | | |
| 4. | Effective Date: Fall 2024 | | | | |
| 5. | Reviewed by Program and Process (if applicable) | Date: | | | |
| 6. | Recommended by the <u>School of Business</u> . <u>Engineering & Tech</u> Comments: Unanimously approved. | nology | Date: <u>5/18/2023</u> | | |
| 7. | AA Leadership Team: Kevin Li | Date: | 09/19/23 | | |
| | Recommended: X Not Recommended: Comments: | | | | |
| 8. | VP/Academic Affairs: James Keane | Date: | 09/19/23 | | |
| | Recommended: x Not Recommended: Comments: | | | | |
| 9. | Learning Council: | _ Date: | | | |
| | Recommended: Not Recommended: Comments: | | | | |
| 10. | VP/Academic Affairs: | Date: | | | |
| | Approved: Not Approved: Comments: | - | | | |

| Type of Revision: | | | |
|------------------------------------------------------------------------------------------------------------|--|--|--|
| X Description Prerequisite Corequisite Number Name # Credits | | | |
| Elective Type Other (explain) | | | |
| Course Discipline or Department: Interactive Media School: BET | | | |
| Current Course Number: IMD 121 | | | |
| | | | |
| Current Course Name: Graphic Design I | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | |
| | | | |
| IMD 121 Graphic Design I | | | |
| This course introduces fundamentals of design and use of design principles to create forms of graphic | | | |
| communication. It emphasizes problem solving by design, visualization of problems and their solutions, | | | |
| and correlation between forms and their content, function, and context. Students study advertising and | | | |
| related commercial print media and create solutions to design problems. | | | |
| Credits: 3 | | | |
| Prerequisite: Placement into college level English | | | |
| Semester Offered: F | | | |
| Proposed Description (include all proposed changes): | | | |
| | | | |
| IMD 121 Graphic Design I | | | |
| This course introduces fundamentals of design and use of design principles to create forms of graphic | | | |
| communication. It emphasizes problem solving by design, visualization of problems and their solutions, | | | |
| and correlation between forms and their content, function, and context. Students study advertising and | | | |
| related interactive media and create solutions to design problems. | | | |
| Credits: 3 | | | |
| Prerequisite: Placement into college level English | | | |
| Semester Offered: F | | | |
| Rationale for the change: | | | |
| | | | |
| Course is not limited to print. | | | |
| Provide a description of any change in course content. | | | |
| | | | |
| None. | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | |
| in the college catalog): | | | |
| in the conege catalog). | | | |
| Change to covere description would be only no magnetic affected | | | |
| Change to course description wording only – no program grids affected. | | | |
| | | | |
| Please confer with the coordinator of the affected department. | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | |
| obtain academic maps from Barb Zabka. | | | |
| | | | |
| N/A | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | |
| Transference a Selection of the actual training of the textologic included. | | | |
| Attached. | | | |

| 1. | Course Number and Name (current): IMD 122 Graphic Design II | | | | |
|-----|----------------------------------------------------------------------------------------------------------------|---------------|------------------------|--|--|
| 2. | Originator: Mary Valentine/Nate Mello | Date: 9/28/22 | | | |
| 3. | School Dean: Betty Lauer | Date: | | | |
| 4. | Effective Date: Fall 2024 | | | | |
| 5. | Reviewed by Program and Process (if applicable) | Date: | | | |
| 6. | Recommended by the <u>School of Business</u> . <u>Engineering & Techno</u> Comments: Unanimously approved. | <u>logy</u> | Date: <u>5/18/2023</u> | | |
| 7. | AA Leadership Team: Kevin Li | Oate: _ | 09/19/23 | | |
| | Recommended: x Not Recommended: Comments: | | | | |
| 8. | VP/Academic Affairs: James Keane | Date: | 09/19/23 | | |
| | Recommended: X Not Recommended: Comments: | | | | |
| 9. | Learning Council:D | | | | |
| | Recommended: Not Recommended: Comments: | _ | | | |
| 10. | VP/Academic Affairs: | Date: | | | |
| | Approved: Not Approved: Comments: | | | | |

| Type of Revision: | | | | |
|------------------------------------------------------------------------------------------------------------|--|--|--|--|
| X Description Prerequisite Corequisite Number Name # Credits | | | | |
| Elective Type Other (explain) | | | | |
| Course Discipline or Department: Interactive Media School: BET | | | | |
| Current Course Number: IMD 122 | | | | |
| Current Course Name: Graphic Design II | | | | |
| 1 0 | | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | | |
| | | | | |
| IMD 122 Graphic Design II | | | | |
| This course builds on the foundation of IMD 121. Topics include using typography effectively in design; | | | | |
| visualizing communication problems and solutions; and the correlation between type forms and content, | | | | |
| function, and context. Students expand their understanding of the relationship between formal design and | | | | |
| typography and the components of layout, photography, and illustration. | | | | |
| Credits: 3 | | | | |
| Prerequisite: IMD 121 | | | | |
| Semester Offered: S | | | | |
| Proposed Description (include all proposed changes): | | | | |
| | | | | |
| IMD 122 Graphic Design II | | | | |
| This course builds on the foundation of IMD 121. Topics include effective branding techniques using | | | | |
| innovative layout and typography effectively in design; visualizing communication problems and solutions; | | | | |
| and the correlation between type forms and content, function, and context. Students expand their | | | | |
| understanding of the relationship between formal design and the components of layout, photography, | | | | |
| illustration, 3D package design and presentation. | | | | |
| Credits: 3 | | | | |
| Prerequisite: IMD 121 | | | | |
| Semester Offered: S | | | | |
| Rationale for the change: | | | | |
| | | | | |
| It is necessary to include topics in branding, package design, and presentation design reflecting | | | | |
| industry skills necessary. | | | | |
| Provide a description of any change in course content. | | | | |
| Trovide a description of any change in course content. | | | | |
| Course content will include branding package design and presentation design. | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | | |
| | | | | |
| in the college catalog): | | | | |
| | | | | |
| Change to course description wording only – no program grids affected. | | | | |
| | | | | |
| Please confer with the coordinator of the affected department. | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | | |
| obtain academic maps from Barb Zabka. | | | | |
| 1 | | | | |
| N/A | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | |
| 1 lease sacrific a generic synabus to your dean with all of the levisions included. | | | | |
| Attached. | | | | |
| ALLACHOU. | | | | |

| 1. | . Course Number and Name (current): IMD 161 Digital Photography | | | | |
|-----|-----------------------------------------------------------------|------------------|------------------------------------------------|----------|--|
| 2. | Originator: Mary Valentine/N | Nate Mello | Date: 9/28/22 | | |
| 3. | School Dean: Betty Lauer | | Date: | | |
| 4. | Effective Date: Fall 2024 | | | | |
| 5. | Reviewed by Program and Pr | Date: | | | |
| 6. | Recommended by the <u>School</u> Comments: Unanimously app | | <u>Fechnology</u> Date: <u>5/18/202</u> | <u>3</u> | |
| 7. | AA Leadership Team: | | Date: | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 8. | VP/Academic Affairs: | | Date: | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 9. | Learning Council: | | Date: | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 10. | VP/Academic Affairs: | | Date: | | |
| | Approved: Comments: | Not Approved: | | | |

| Type of Revision: |
|--------------------------------------------------------------------------------------------------------------|
| X Description Prerequisite Corequisite Number Name # Credits |
| Elective Type Other (explain) |
| Course Discipline or Department: Interactive Media School: BET |
| |
| Current Course Number: IMD 161 |
| Current Course Name: Digital Photography |
| Current Course Description (as it appears in the college catalog including course three letter designation |
| and number, title, credits, semesters offered and prerequisites/corequisites): |
| |
| IMD 161 Digital Photography |
| This course covers the digital camera, including the artistic, theoretical, technical, and career aspects of |
| photography. Students learn the relationship between the key features of light, composition, film usage, |
| computer manipulation, scanning, resolution, and the final digital print. Students must have access to a |
| medium-to-high resolution digital camera. Students learn how to use the controls of any digital camera; |
| |
| use computer technology to scan, digitize, and manipulate images; and prepare images for professional |
| display. |
| Credits: 3 |
| Prerequisite: Placement into college level English |
| Semester Offered: F |
| Proposed Description (include all proposed changes): |
| |
| IMD 161 Digital Photography |
| This course covers the digital camera, including the artistic, theoretical, technical, and career aspects of |
| photography. Students learn the relationship between the key features of light, composition, film usage, |
| computer manipulation, scanning, resolution, and the final digital print. Students learn how to use the |
| controls of any digital camera; use computer technology to scan, digitize, and manipulate images; and |
| prepare images for professional display. |
| Credits: 3 |
| Prerequisite: Placement into college level English |
| Semester Offered: F |
| Rationale for the change: |
| Rationale for the change. |
| Come atudant nanulations and unable to have access to an afford a digital samena |
| Some student populations are unable to have access to or afford a digital camera. |
| Provide a description of any change in course content. |
| |
| None. |
| List the programs that are affected by this change (list program names and program codes as they appear |
| in the college catalog): |
| an the consige cumines). |
| Change to course description wording only – no program grids affected. |
| Change to course description wording only – no program grids affected. |
| Dlagge confer with the accordinator of the affected demonstrator |
| Please confer with the coordinator of the affected department. |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can |
| obtain academic maps from Barb Zabka. |
| |
| N/A |
| Please submit a generic syllabus to your dean with all of the revisions included. |
| 1 leads saching a penetre symbolis to your dean with an of the fevisions included. |
| Attached |

| 1. | Course Number and Name (current): IMD 222 Publication Design | | | | |
|-----|-----------------------------------------------------------------------|---------------------|-------------------------------|--|--|
| 2. | Originator: Mary Valentine/Nat | e Mello | Date: 9/28/22 | | |
| 3. | School Dean: Betty Lauer | | Date: | | |
| 4. | Effective Date: Fall 2024 | | | | |
| 5. | Reviewed by Program and Proce | ess (if applicable) | Date: | | |
| 6. | Recommended by the <u>School of J</u> Comments: Unanimously approx | | nology Date: <u>5/18/2023</u> | | |
| 7. | AA Leadership Team: | | | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 8. | VP/Academic Affairs: | | Date: | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 9. | Learning Council: | | Date: | | |
| | Recommended:Comments: | Not Recommended: | | | |
| 10. | VP/Academic Affairs: | | Date: | | |
| | Approved: Comments: | Not Approved: | | | |

| m op '' | | | | |
|-------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Type of Revision: | | | | |
| X_DescriptionPrerequisiteCorequisiteNumberName# Credits | | | | |
| Elective TypeOther (explain) | | | | |
| Course Discipline or Department: Interactive Media School: BET | | | | |
| Current Course Number: IMD 222 | | | | |
| Current Course Name: Publication Design | | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | | |
| | | | | |
| IMD 222 Publication Design | | | | |
| This course examines the fundamentals of publication design with multi-page design concepts. It covers | | | | |
| the research, development, organization, and visual presentation of complex printed documents. | | | | |
| Comprehensive aspects of design, content and image are addressed. Students complete assignments | | | | |
| using industry-standard software and hardware. | | | | |
| Credits: 3 | | | | |
| Prerequisite: IMD 115, IMD 122 | | | | |
| Semester Offered: F | | | | |
| Proposed Description (include all proposed changes): | | | | |
| | | | | |
| IMD 222 Publication Design | | | | |
| This course examines the fundamentals of publication design with emphasis on the maintenance of visual | | | | |
| continuity for publication. It covers the research, development, organization, and visual presentation of | | | | |
| complex printed documents. Comprehensive aspects of design, content and image are addressed. | | | | |
| Credits: 3 | | | | |
| Prerequisite: IMD 115, IMD 122 | | | | |
| Semester Offered: F | | | | |
| Rationale for the change: | | | | |
| Course is not limited to print meterials | | | | |
| Course is not limited to print materials. Provide a description of any change in course content. | | | | |
| Flovide a description of any change in course content. | | | | |
| None. | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | | |
| | | | | |
| in the college catalog): | | | | |
| Change to source description woulding only the program guide affected | | | | |
| Change to course description wording only – no program grids affected. | | | | |
| Please confer with the coordinator of the affected department. | | | | |
| • | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | | |
| obtain academic maps from Barb Zabka. | | | | |
| N/A | | | | |
| N/A | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | |
| Attached. | | | | |
| | | | | |

| 1. | Course Number and Name (current): IMD 286 Interactive Media Processes Portfolio | | | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------|------------------|----------|--|--|--|
| 2. | Originator: Mary Valentine/Ca | Date: 4/19/22 | | | | |
| 3. | School Dean: Betty Lauer | | Date: | | | |
| 4. | Effective Date: Fall 2024 | | | | | |
| 5. | Reviewed by Program and Process (if applicable) | | Date: | | | |
| 6. | Recommended by the <u>School of Business, Engineering & Technology</u> Date: <u>5/18/2023</u> Comments: Unanimously approved. | | | | | |
| 7. | AA Leadership Team: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 8. | VP/Academic Affairs: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 9. | Learning Council: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 10. | VP/Academic Affairs: | | Date: | | | |
| | Approved: | Not Approved: | <u> </u> | | | |

| Type of Revision: | | | | | | | |
|------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| _X_DescriptionPrerequisiteCorequisiteNumberName# CreditsElective TypeOther (explain) | | | | | | | |
| Course Discipline or Department: Interactive Media School: BET | | | | | | | |
| Current Course Number: IMD 286 | | | | | | | |
| Current Course Name: Interactive Media Processes Portfolio | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | | | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | |
| IMD 286 Interactive Media Processes Portfolio | | | | | | | |
| This capstone course prepares the student to develop a presentation portfolio utilizing the media design | | | | | | | |
| processes of an interactive portfolio web/epublishing presense and DVD. It covers digital animation, | | | | | | | |
| motion graphics, and multimedia for interactive portfolio preparation. Emphasis is placed on the | | | | | | | |
| relationship between technical, creative and critical thinking skills as students plan, design, launch and | | | | | | | |
| maintain a complete interactive media environment for final portfolio evaluation. Students complete | | | | | | | |
| assignments using industry-standard software and hardware. | | | | | | | |
| Credits: 4 | | | | | | | |
| Prerequisite: IMD 275 | | | | | | | |
| Semester Offered: S | | | | | | | |
| Note: Four hours lecture | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | |
| IMD 286 Interactive Media Processes Portfolio | | | | | | | |
| This capstone course provides an opportunity for students to apply knowledge and demonstrate skills | | | | | | | |
| acquired throughout their time in the IMD program, and covers advanced concepts and processes of UI | | | | | | | |
| and UX. Students will design and present a professional quality portfolio using interactive media | | | | | | | |
| applications based on industry standards. Emphasis is placed on the relationship between technical, | | | | | | | |
| creative and critical thinking skills. Each student prepares a body of his/her/their best work for final | | | | | | | |
| evaluation via website, video, PDF and mobile app. | | | | | | | |
| Credits: 4 | | | | | | | |
| Prerequisite: IMD 275 | | | | | | | |
| Semester Offered: S | | | | | | | |
| Note: Four hours lecture | | | | | | | |
| Rationale for the change: | | | | | | | |
| <u> </u> | | | | | | | |
| The IMDD curriculum currently has two 4 credit capstone classes: IMD 286 Interactive Media | | | | | | | |
| Processes portfolio and IMD 287 Graphic Design Processes portfolio. Only one portfolio class is | | | | | | | |
| needed. The new program revision will be 1 4-credit portfolio capstone class IMD 286. | | | | | | | |
| Provide a description of any change in course content: | | | | | | | |
| Trovide a description of any change in course content. | | | | | | | |
| A majority of CDDD content fearess on modules HI/HV and neutfolio dayslanment IMD 206 will | | | | | | | |
| A majority of GDPP content focuses on modules UI/UX and portfolio development. IMD 286 will | | | | | | | |
| address content on prepress and portfolio in the beginning module. | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | | | | | |
| in the college catalog); Please confer with the coordinator of the affected department: | | | | | | | |
| Change to course description wording only – no program grids affected. | | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | | | | | |
| obtain academic maps from Barb Zabka: N/A | | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included: Attached. | | | | | | | |

| 1. | Course Number and Name (current): IMG 272 3D Modeling for Game Design | | | | | |
|-----|-----------------------------------------------------------------------|------------------|-----------------------------------------|-----------|--|--|
| 2. | Originator: Mary Valentine/Nate Mello | | Date: 9/28/22 | | | |
| 3. | School Dean: Betty Lauer | | Date: | | | |
| 4. | Effective Date: Fall 2024 | | | | | |
| 5. | Reviewed by Program and Process (if applicable) | | Date: | | | |
| 6. | Recommended by the School Comments: Unanimously app | | <u>Cechnology</u> Date: <u>5/18/202</u> | <u>23</u> | | |
| 7. | AA Leadership Team: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 8. | VP/Academic Affairs: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 9. | Learning Council: | | Date: | | | |
| | Recommended:Comments: | Not Recommended: | | | | |
| 10. | VP/Academic Affairs: | | Date: | | | |
| | Approved: | Not Approved: | <u></u> | | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| Type of Revision: | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| Description X PrerequisiteCorequisiteNumberName# Credits | | | | | | | | | |
| Elective Type Other (explain) | | | | | | | | | |
| Course Discipline or Department: Interactive Media School: BET | | | | | | | | | |
| Current Course Number: IMD 272 | | | | | | | | | |
| Current Course Name: 3D Modeling for Game Design | | | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | | | | | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | | | |
| | | | | | | | | | |
| IMG 272 3D Modeling for Game Design | | | | | | | | | |
| This course covers the principles and techniques involved in creating three-dimensional media for Game | | | | | | | | | |
| Design. Students will learn the step-by-step processes of 3D modeling including NURBS, polygons, | | | | | | | | | |
| subdivisions, environments and character development using sophisticated industry-level 3D modeling software. Students acquire skills in texture design, mapping, cameras, lighting, scene set up and | | | | | | | | | |
| rendering. | | | | | | | | | |
| Credits: 3 | | | | | | | | | |
| Prerequisite: IMD 155, IMG 100, IMG 102 | | | | | | | | | |
| Semester Offered: F | | | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | | | |
| | | | | | | | | | |
| IMG 272 3D Modeling for Game Design | | | | | | | | | |
| This course covers the principles and techniques involved in creating three-dimensional media for Game | | | | | | | | | |
| Design. Students will learn the step-by-step processes of 3D modeling including NURBS, polygons, | | | | | | | | | |
| subdivisions, environments and character development using sophisticated industry-level 3D modeling | | | | | | | | | |
| software. Students acquire skills in texture design, mapping, cameras, lighting, scene set up and | | | | | | | | | |
| rendering. Credits: 3 | | | | | | | | | |
| Prerequisite: Placement into college level English | | | | | | | | | |
| Semester Offered: F | | | | | | | | | |
| Rationale for the change: | | | | | | | | | |
| | | | | | | | | | |
| No prior Adobe CC software or design skills is required for this course. | | | | | | | | | |
| Provide a description of any change in course content. | | | | | | | | | |
| | | | | | | | | | |
| None. | | | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | | | | | | | |
| in the college catalog): | | | | | | | | | |
| | | | | | | | | | |
| Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD) | | | | | | | | | |
| | | | | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | | | | | | | |
| obtain academic maps from Barb Zabka. | | | | | | | | | |
| | | | | | | | | | |
| Attached. | | | | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | | | | | | |
| | | | | | | | | | |
| Attached. | | | | | | | | | |

<u>Computer & Information Technology</u> *Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD)* **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------|--------------|---------------------|----------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | Semester 1 | | 1 Toroquiotto | Register for and successfully |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | complete all courses to graduate in |
| Digital Design Concepts I | IMD 114 | F/SU | 3 | Placement into college level English | four semesters. |
| Digital Imaging and Media | IMD 154 | F/SU | 3 | Placement into college level English | Todi comedicio. |
| Digital imaging and inicala | 11112 101 | 1700 | | Placement into college level English, | Complete ENG 101. |
| Drawing the Human Form | IMG 100 | F | 3 | Admission to Interactive Media - | |
| Brawing the Hamair Ferm | 1100 | | | Game Design Option program | |
| | | | | Placement into college level English, | |
| Fundamentals of Game | IMG 101 | F | 3 | Admission to Interactive Media - | |
| Design and Development | | | | Game Design Option program | |
| | | Total | 15 | <u> </u> | |
| | Se | emester 2 (| Spring) | | If considering transfer, meet with a |
| Introduction to Microcomputer | CIS 111 | F/S/SU | 3 | | Transfer Services Advisor. See |
| Applications | _ | | 3 | | www.QCC.edu/transfer. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | |
| Digital Illustration and | IMD 155 | S/SU | 3 | IMD 154 | |
| Animation | IIVID 133 | 3/30 | 3 | | |
| | | | | Placement into college level English, | |
| Introduction to Game Design | IMG 102 | S/SU | 3 | Admission to Interactive Media - | |
| | | | | Game Design Option program | |
| | L . | Total Semester 3 | 15 | | 16 11 1 6 1 11 |
| | , | semester 3 | (Fall) | I D | If considering transfer, meet with |
| Introduction to December | | | | Placement into college level English, | representatives of four-year schools to discuss/begin the transfer |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 | application process; or create an |
| with C++ | | | | or CIS 111 | account on the QCC job board to |
| Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | search for internships, co-ops and |
| Intermediate Game Design | IMG 203 | F | 3 | IMD 155, IMG 100, IMG 101, IMG 102 | jobs. |
| 3D Modeling for Game Design | IMG 272 | F | 3 | IMD 155, IMG 100, IMG 102 | , , |
| College Mathematics I: Pre- | | | | | |
| Calculus | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| - | | Total | 15 | | 1 |
| | Se | emester 4 (| Spring) | | Continue with/complete the transfer |
| Interactive Game Design | IMG 288 | S | 4 | IMG 203, IMG 272 | application process; or if seeking |
| Portfolio | IIVIG 200 | 3 | 4 | IIVIG 203, IIVIG 272 | employment, meet with Career |
| College Mathematics II: | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | Services for career readiness |
| Trigonometry | 1717/1 124 | | _ | INIA 123 OF APPLOP PLACE SCOLE | preparation and to learn more about |
| Liberal Arts Elective | | F/S/SU | 3 | | QCC's job board. |
| Liberal Arts Elective | | F/S/SU | 3 | | Submit on Intent to Conducto Famo |
| Science Elective or Lab | | F/S/SU | 3-4 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Science Elective | | | - | | located on THE Q. |
| Total Credita D | au irad | Total | 16-17 61-62 | | |
| Total Credits R | equireu | | 01-02 | | |

<u>Computer & Information Technology</u> *Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD)* **PROPOSED**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-------------------------------|-----------|-------------|----------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------|
| | | Semester 1 | | 1 Toroquioteo | Register for and successfully |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | complete all courses to graduate in |
| Digital Design Concepts I | IMD 114 | F/SU | 3 | Placement into college level English | four semesters. |
| Digital Imaging and Media | IMD 154 | F/SU | 3 | Placement into college level English | Todi comocicio. |
| | 2 .0. | .,,,, | | Placement into college level English, | Complete ENG 101. |
| Drawing the Human Form | IMG 100 | F | 3 | Admission to Interactive Media - | • |
| | | - | | Game Design Option program | |
| First damage tale of Oamag | | | | Placement into college level English, | |
| Fundamentals of Game | IMG 101 | F | 3 | Admission to Interactive Media - | |
| Design and Development | | | | Game Design Option program | |
| | | Total | 15 | | |
| | Se | emester 2 (| Spring) | | If considering transfer, meet with a |
| Introduction to Microcomputer | CIS 111 | F/S/SU | 3 | | Transfer Services Advisor. See |
| Applications | _ | | - | | www.QCC.edu/transfer. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | |
| Digital Illustration and | IMD 155 | S/SU | 3 | IMD 154 | |
| Animation | 11112 100 | 0,00 | | | |
| | | | _ | Placement into college level English, | |
| Introduction to Game Design | IMG 102 | S/SU | 3 | Admission to Interactive Media - | |
| | | Total | 15 | Game Design Option program | |
| | L | Semester 3 | | | If a maid win a turn of an una at with |
| | <u> </u> | | (raii) | Discoment into college level English | If considering transfer, meet with representatives of four-year schools |
| Introduction to Programming | | | | Placement into college level English, MAT 095 with a grade of "C" or higher | to discuss/begin the transfer |
| with C++ | CIS 121 | F/S | 3 | or approp place score, Coreq: CIS 105 | application process; or create an |
| With C++ | | | | or CIS 111 | account on the QCC job board to |
| Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | search for internships, co-ops and |
| Intermediate Game Design | IMG 203 | F | 3 | IMD 155, IMG 100, IMG 101, IMG 102 | jobs. |
| 3D Modeling for Game Design | IMG 272 | F | 3 | Placement into college level English | |
| College Mathematics I: Pre- | NAAT 400 | E/0/011 | | | |
| Calculus | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| | | Total | 15 | | |
| | Se | emester 4 (| Spring) | | Continue with/complete the transfer |
| Interactive Game Design | IMG 288 | S | 4 | IMG 203, IMG 272 | application process; or if seeking |
| Portfolio | IIVIG 200 | J | 4 | IIVIO 200, IIVIO 212 | employment, meet with Career |
| College Mathematics II: | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | Services for career readiness |
| Trigonometry | | | - | WIAT 120 of approp place scole | preparation and to learn more about |
| Liberal Arts Elective | | F/S/SU | 3 | | QCC's job board. |
| Liberal Arts Elective | | F/S/SU | 3 | | Submit on Intent to Creducto Farms |
| Science Elective or Lab | | F/S/SU | 3-4 | | Submit an Intent to Graduate Form, located on <i>The</i> Q. |
| Science Elective | | | 16-17 | | - Iocatou on The W. |
| Total Credits R | oguirod | Total | 16-17 61-62 | | |
| rotal Gredits R | equireu | | 01-02 | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| 1. | Course Number a | nd Name (curi | rent): ELT 120 Introdu | ction to Photonic | es |
|-----|-----------------------------------|--------------------|------------------------------|-------------------|------------------------|
| 2. | Originator: | James Heffer | rnan | Date: April 10 | , 2023 |
| 3. | School Dean: | Betty Lauer | | Date: April 10 | , 2023 |
| 4. | Effective Date: | Fall 2023 | | | |
| 5. | Reviewed by Prog | ram and Proc | ess (if applicable) | Date: | |
| 6. | Recommended by Comments: Unani | | Business. Engineering & ved. | & Technology | Date: <u>5/18/2023</u> |
| 7. | AA Leadership Te | eam: | | Date: | |
| | Recommended:Comments: | | Not Recommended: | | |
| 8. | VP/Academic Affa | airs: | | Date: _ | |
| | Recommended:Comments: | | Not Recommended: | | |
| 9. | Learning Council | : | | Date: _ | |
| | Recommended: Comments: | | Not Recommended: | | |
| 10. | VP/Academic Affa | airs: | | Date: | |
| | Approved:Comments: | | Not Approved: | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| Type of Revision: | | | | | | | | |
|------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumberName# Credits | | | | | | | | |
| Elective TypeOther (explain) | | | | | | | | |
| Course Discipline or Department: Electronics School: BET | | | | | | | | |
| Engineering Technology | | | | | | | | |
| Current Course Number: ELT 120 | | | | | | | | |
| Current Course Name: Introduction to Photonics | | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter designation | | | | | | | | |
| and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | | |
| | | | | | | | | |
| ELT 120 Introduction to Photonics | | | | | | | | |
| This course provides students with an introduction to the fundamentals of optics, including the nature of | | | | | | | | |
| light, light sources, and light propagation and interaction with matter in terms of geometrical optics and | | | | | | | | |
| physical (wave) optics. This course gives students the opportunity to learn how to apply the principles of | | | | | | | | |
| optics in a laboratory setting to conduct experiments and solve real world problems. | | | | | | | | |
| Credits: 4 | | | | | | | | |
| Prerequisite: Placement into college level English, MAT 099 with a grade of "C" or higher or | | | | | | | | |
| appropriate placement score | | | | | | | | |
| Semester Offered: F | | | | | | | | |
| Note: Three hours lecture, three hours laboratory | | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | | |
| | | | | | | | | |
| ELT 120 Introduction to Photonics | | | | | | | | |
| This course provides students with an introduction to the fundamentals of optics, including the nature of | | | | | | | | |
| light, light sources, and light propagation and interaction with matter in terms of geometrical optics and | | | | | | | | |
| physical (wave) optics. This course gives students the opportunity to learn how to apply the principles of | | | | | | | | |
| optics in a laboratory setting to conduct experiments and solve real world problems. | | | | | | | | |
| Credits: 4 | | | | | | | | |
| Prerequisite: Placement into college level English, MAT 095 with a grade of "C" or higher or | | | | | | | | |
| appropriate placement score Semester Offered: F | | | | | | | | |
| Note: Three hours lecture, three hours laboratory. | | | | | | | | |
| Rationale for the change: | | | | | | | | |
| Rationale for the change. | | | | | | | | |
| MAT 099 is no longer being offered. | | | | | | | | |
| Provide a description of any change in course content. | | | | | | | | |
| Trovide a description of any change in course content. | | | | | | | | |
| N/A | | | | | | | | |
| | | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear | | | | | | | | |
| in the college catalog); Please confer with the coordinator of the affected department: | | | | | | | | |
| | | | | | | | | |
| • Electronics Engineering Technology - Photonics Option - Associate in Science (Program | | | | | | | | |
| Code: EEPH) | | | | | | | | |
| Photonics Certificate (Program Code: CP) | | | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can | | | | | | | | |
| obtain academic maps from Barb Zabka. | | | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | | | | | |

Engineering & Engineering Technology CURRENT Electronics Engineering Technology - Photonics Option - Associate in Science (Program Code: EEPH)

| Course Title | Course | Offere | Credit | Prerequisites | Milestones |
|---------------------------------------------------|------------|-----------------|----------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| | # | Semest | s er 1 | | Apply and get accepted to this |
| Windows Client Operating Systems | CSC 141 | F/S/S U | 4 | | program (Program Code: EEPH). |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Register for and successfully complete all courses to graduate in four semesters. |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Complete ELT 103 and ELT 121. |
| Composition I | ENG 101 | F/S/S U | 3 | Placement into college level English | Complete ENG 101. |
| College Mathematics I: Pre-Calculus OR | MAT 123 | F/S/S | 3-4 | MAT 100 or approp place score | MAT 147 and MAT 148 recommended if primary goal is |
| Mathematics for Technicians I | MAT 147 | U | | MAT 095 with a grade of "C" or higher or approp place score | employment; MAT 123 and MAT 124 recommended for transfer. |
| | | Total Semest | 18-19 | | N 1 7 2 2 1 |
| Networking Technologies | CSC 234 | F/S/S U | er 2 4 | Coreq: CSC 141 | Meet with Career Services to discuss the co-op process and leads for co-op placements. |
| Electronics II | ELT 104 | F/S | 4 | ELT 103 | If considering transfer, meet with |
| Embedded Microcontrollers | ELT 130 | F/S | 4 | ELT 103, ELT 121 | a Transfer Services Advisor. See <u>www.QCC.edu/transfer</u> . |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/S | 3-4 | MAT 123 or approp place score | Complete ELT 104 and ELT |
| Mathematics for Technicians II | MAT 148 | U | , | MAT 147 | 130. |
| | | Total Semest | 15-16 | | M t iii B O ii t |
| | | Semest | ei 3 | | Meet with Program Coordinator to discuss readiness for EET 299. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | |
| Instrumentation and Control Technology | ELM 251 | F/S | 4 | ELT 104, ELT 130 | Contact Career Services to complete all requirements of CPS 298 (required prior to |
| Introduction to Photonics | ELT 120 | F | <mark>4</mark> | Placement into college level English, MAT 099 with a grade of "C" or higher or approp place score | registration for EET 299). See www.QCC.edu/career-services. If considering transfer, meet with |
| Composition II OR | ENG 102 | F/S/S U | 3 | ENG 101 | representatives of four-year schools to discuss/begin the transfer application process; or |
| Technical Writing | ENG 105 | F/S | Ö | | create an account on the QCC job board to search for internships, co-ops and jobs. |
| Lab Science Elective | | F/S/S U | 4 | | Complete ENG 102 or ENG 105; ENG 105 recommended if |
| | | Total | 15 | | primary goal is employment after graduation. |
| | | Semest | er 4 | | Continue with/complete the |
| Cooperative Work Experience | EET 299 | F/S/S U | 3 | CPS 298, ELT 104, ELT 130 | transfer application process; or if seeking employment, meet with Career Services for career |
| Photonics Technology | ELT 222 | S | 4 | ELT 120 | readiness preparation and to learn more about QCC's job |
| ELT or ELM Program Elective (200-level) | | F/S/S U | 4 | | board. Complete EET 299 (with |
| Social Science Elective | | F/S/S U | 3 | | Program Coordinator approval). |

| | Total | 14 | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
|------------------------|-------|-------|--------------------------------------------------------------|
| Total Credits Required | | 62-64 | |

Engineering & Engineering Technology PROPOSED Electronics Engineering Technology - Photonics Option - Associate in Science (Program Code: EEPH)

| Course Title | Course | Offere | Credit | Prerequisites | Milestones | | |
|--------------------------------------------------|------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|
| | # | Semest | s er 1 | · | Apply and get accepted to this | | |
| Windows Client Operating Systems | CSC 141 | F/S/S U | 4 | | program (Program Code: EEPH). | | |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Register for and successfully complete all courses to graduate in four semesters. | | |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Complete ELT 103 and ELT 121. | | |
| Composition I | ENG 101 | F/S/S U | 3 | Placement into college level English | Complete ENG 101. | | |
| College Mathematics I: Pre-Calculus OR | MAT 123 | F/S/S | 3-4 | MAT 100 or approp place score | MAT 147 and MAT 148 recommended if primary goal is | | |
| Mathematics for Technicians I | MAT 147 | U | | MAT 095 with a grade of "C" or higher or approp place score | employment; MAT 123 and MAT 124 recommended for transfer. | | |
| | | Total Semest | 18-19 | | N 1 7 2 2 1 | | |
| Networking Technologies | CSC 234 | F/S/S U | er 2 4 | Coreq: CSC 141 | Meet with Career Services to discuss the co-op process and leads for co-op placements. | | |
| Electronics II | ELT 104 | F/S | 4 | ELT 103 | If considering transfer, meet with | | |
| Embedded Microcontrollers | ELT 130 | F/S | 4 | ELT 103, ELT 121 | a Transfer Services Advisor. See www.QCC.edu/transfer. | | |
| College Mathematics II: Trigonometry OR | MAT 124 | F/S/S | 0.4 | MAT 123 or approp place score | Complete ELT 104 and ELT | | |
| Mathematics for Technicians II | MAT 148 | U | 3-4 | MAT 147 | 130. | | |
| | | Total | 15-16 | | Meet with Program Coordinator | | |
| | Semester 3 | | | | | | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | to discuss readiness for EET 299. | | |
| Instrumentation and Control Technology | ELM 251 | F/S | 4 | ELT 104, ELT 130 | Contact Career Services to complete all requirements of CPS 298 (required prior to | | |
| Introduction to Photonics | ELT 120 | F | <mark>4</mark> | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | registration for EET 299). See www.QCC.edu/career-services. If considering transfer, meet with | | |
| Composition II OR | ENG 102 | F/S/S U | 3 | ENG 101 | representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC | | |
| Technical Writing | ENG 105 | F/S | Ö | | job board to search for internships, co-ops and jobs. | | |
| Lab Science Elective | | F/S/S U | 4 | | Complete ENG 102 or ENG 105; ENG 105 recommended if | | |
| | | Total | 15 | | primary goal is employment after graduation. | | |
| | | Semest | er 4 | | Continue with/complete the | | |
| Cooperative Work Experience | EET 299 | F/S/S U | 3 | CPS 298, ELT 104, ELT 130 | transfer application process; or if seeking employment, meet with Career Services for career | | |
| Photonics Technology | ELT 222 | S | 4 | ELT 120 | readiness preparation and to learn more about QCC's job | | |
| ELT or ELM Program Elective (200-level) | | F/S/S U | 4 | | board. Complete EET 299 (with | | |
| Social Science Elective | | F/S/S U | 3 | | Program Coordinator approval). | | |

| | Total | 14 | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
|------------------------|-------|-------|--------------------------------------------------------------|
| Total Credits Required | | 62-64 | |

Engineering & Engineering Technology Photonics Certificate (Program Code: CP)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------|--------------------------------|-----------------|---------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | program (Program Code: CP). Register for and successfully complete all courses to |
| Introduction to Photonics | ELT 120 | <mark>L.</mark> | 4 | Placement into college level English, MAT 099 with a grade of "C" or higher or approp place score | graduate in two semesters. For students wishing to develop CAD skills, MNT 101 |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | recommended. Meet with Academic Advisor to discuss associate degree |
| College Mathematics I: Pre-Calculus OR | MAT 123 | F/S/SU | | MAT 100 or approp place score | (Program Code: EEBI, EEMO, EEPH); or create an account |
| Mathematics for Technicians I OR | MAT 147 | 173/30 | 3-4 | MAT 095 with a grade of "C" or | on the QCC job board to search for internships, co-ops |
| Mechanical CAD I | MNT 101 | F/S | | higher or approp place score | and jobs. |
| | | Total | 15-16 | | |
| | | Semes | ter 2 | | Apply to associate degree |
| Electronics II | ELT 104 | F/S | 4 | ELT 103 | (Program Code: EEBI, EEMO, EEPH); or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. |
| Embedded Microcontrollers | ELT 130 | F/S | 4 | ELT 103, ELT 121 | |
| Photonics Technology | ELT 222 | S | 4 | ELT 120 | |
| | | Total | 12 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Total Credits | Required | | 27-28 | | |

Engineering & Engineering Technology Photonics Certificate (Program Code: CP)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------|---------------------------|----------------|---------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semes | ter 1 | | Apply and get accepted to this |
| Electronics I | ELT 103 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | program (Program Code: CP). Register for and successfully complete all courses to |
| Introduction to Photonics | ELT 120 | E | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | graduate in two semesters. For students wishing to develop CAD skills, MNT 101 recommended. Meet with Academic Advisor to discuss associate degree |
| Digital Circuits | ELT 121 | F/S | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| College Mathematics I: Pre-Calculus OR | MAT 123 | F/S/SU | | MAT 100 or approp place score | (Program Code: EEBI, EEMO, EEPH); or create an account |
| Mathematics for Technicians I OR | MAT 147 | F/3/3U | 3-4 | MAT 095 with a grade of "C" or | on the QCC job board to search for internships, co-ops and jobs. |
| Mechanical CAD I | MNT 101 | F/S | | higher or approp place score | |
| | | Total Semes | 15-16 | | |
| | Apply to associate degree | | | | |
| Electronics II | ELT 104 | F/S | 4 | ELT 103 | (Program Code: EEBI, EEMO, EEPH); or if seeking |
| Embedded Microcontrollers | ELT 130 | F/S | 4 | ELT 103, ELT 121 | employment, meet with Career Services for career readiness |

| Photonics Technology | ELT 222 | S | 4 | ELT 120 | preparation and to learn more about QCC's job board. |
|------------------------|---------|-------|-------|---------|--------------------------------------------------------------|
| | | Total | 12 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Total Credits Required | | | 27-28 | | |

2023 - 2024 **Quinsigamond Community College**

Proposal Form for Course Revision

11. Course Designation and Course Number: IMG 100 / IMG 101 / IMG 102

| | (from current AY 23/24 catalog) | | |
|-----|-------------------------------------------------------------------|--------------------------------------------|-------------------------|
| 12. | Course Name/Title: Drawing the Hum Introduction to Game Design | nan Form / Fundamentals of Game Design and | Development / |
| | (from current AY 23/24 catalog) | | |
| 13. | Originator: Nate Mello | | Date: 09/11/2023 |
| 14. | School Dean: Kathy Rentsch | | Date: |
| 15. | Effective Date: Fall 2024 | | |
| 16. | Reviewed by Program and Process | (if applicable): | Date: |
| 17. | _ | Business. Engineering & Technology | Date: <u>9/21/2023</u> |
| | Comments: Unanimously approved. | | |
| 18. | AA Leadership Team: | | Date: |
| | Recommended: N Comments: | lot Recommended: | |
| 19. | VP/Academic Affairs: | | Date: |
| | Recommended:N Comments: | lot Recommended: | |
| 20. | Learning Council: | | Date: |
| | Recommended: N Comments: | lot Recommended: | |
| 21. | VP/Academic Affairs: | | Date: |
| | Approved: N | lot Approved: | |

Comments:

2023 - 2024 Quinsigamond Community College

Proposal Form for Course Revision

| Type of Revision (check all that apply): |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course DesignationCourse Number Course Name/Title Description WordingCredits _X_ PrerequisitesCorequisitesElective Type _X_ Other (explain): Semester Offered for IMG 100 |
| Course Discipline/Department: Interactive Media School: BET |
| Current Course Designation and Course Number: IMG 100 / IMG 101 / IMG 102 |
| Current Course Name/Title: Drawing the Human Form / Fundamentals of Game Design and Development / Introduction to Game Design |
| Current Course Description (as it appears in College catalog - include course designation and course number, course name/title, description wording, credits, prerequisites/corequisites, and semesters offered): |
| IMG 100 Drawing the Human Form This course provides the student with specific drawing media experiences to build basic perceptual skills in terms of drawing from the human figure. Students review basic knowledge of the elements of art: line, value, shape/volume, texture and color to lead to manipulation for different types of spatial illusion and expressive meaning including the study of proportion, light, shade and simple anatomy to develop an understanding of the human figure. A variety of traditional and digital imaging tools and materials are explored. Digital assignments are completed using Industry-standard software and hardware. Credits: 3 Prerequisite: Placement into college level English, Admission to Interactive Media - Game Design Option program Semester Offered: F Note: Due to the use of live models, students enrolled in this course must be 18 years of age or older; a release form is available for those under 18 years who plan to enroll |
| IMG 101 Fundamentals of Game Design and Development This course introduces the fundamentals of electronic game design and development. It covers the history and evolution of games, the production process and current issues and practices in the game development industry including business and technical perspectives. Topics include the design process, marketing and the application of interactive communication. Credits: 3 Prerequisite: Placement into college level English, Admission to Interactive Media - Game Design |
| Option program Semester Offered: F |
| IMG 102 Introduction to Game Design This course provides students an overview of the theoretical, aesthetic, and practical elements of game design pre-production. Through a series of creative exercises, lectures, and classroom critiques, students will gain an understanding of the fundamental skills required in character development, storyboarding, scripting, creation strategies, camera angles, lighting, and editing game design pre-production for a variety of purposes and audiences. Assignments are completed using industry-standard software and hardware. Credits: 3 Prerequisite: Placement into college level English, Admission to Interactive Media - Game Design |

Option program

Semester Offered: S/SU

Proposed Course Description (as it will appear in College catalog - include course designation and course number, course name/title, description wording, credits, prerequisites/corequisites, and semesters offered - include all proposed changes):

IMG 100 Drawing the Human Form

This course provides the student with specific drawing media experiences to build basic perceptual skills in terms of drawing from the human figure. Students review basic knowledge of the elements of art: line, value, shape/volume, texture and color to lead to manipulation for different types of spatial illusion and expressive meaning including the study of proportion, light, shade and simple anatomy to develop an understanding of the human figure. A variety of traditional and digital imaging tools and materials are explored. Digital assignments are completed using Industry-standard software and hardware.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F/S

Note: Due to the use of live models, students enrolled in this course must be 18 years of age or older; a release form is available for those under 18 years who plan to enroll

IMG 101 Fundamentals of Game Design and Development

This course introduces the fundamentals of electronic game design and development. It covers the history and evolution of games, the production process and current issues and practices in the game development industry including business and technical perspectives. Topics include the design process, marketing and the application of interactive communication.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: F

IMG 102 Introduction to Game Design

This course provides students an overview of the theoretical, aesthetic, and practical elements of game design pre-production. Through a series of creative exercises, lectures, and classroom critiques, students will gain an understanding of the fundamental skills required in character development, storyboarding, scripting, creation strategies, camera angles, lighting, and editing game design pre-production for a variety of purposes and audiences. Assignments are completed using industry-standard software and hardware.

Credits: 3

Prerequisite: Placement into college level English

Semester Offered: S/SU

Rationale for the change: Open classes to all majors to promote the program from within the student body.

Provide a description of any change in course content: None

List all programs that are affected by this change (list program names and program codes as they appear in the College catalog). Confer with coordinator(s) of affected department(s):

Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD)

Attach current and proposed academic maps (with changes highlighted in yellow) for all affected programs (obtain current academic maps from Barbara Zabka and Erica Merrill): Attached

Submit generic syllabus to School Dean with all revisions included: Attached

2023 - 2024 Quinsigamond Community College

Proposal Form for Course Revision

| 1. | Course Designation and Course N | lumber: IMG 272 | |
|------------|--------------------------------------------------------------|------------------------------------|-------------------------|
| | (from current AY 23/24 catalog) | | |
| 2. | Course Name/Title: 3D Modeling for | or Game Design | |
| | (from current AY 23/24 catalog) | | |
| 3. | Originator: Mary Valentine/Nate Me | ello | Date: 09/11/2023 |
| 4. | School Dean: Kathy Rentsch | | Date: |
| <u>5</u> . | Effective Date: Fall 2024 | | |
| 6. | Reviewed by Program and Proces | ss (if applicable): | Date: |
| 7. | Recommended by the School of: Comments: Unanimously approved | Business. Engineering & Technology | Date: <u>9/21/2023</u> |
| 8. | AA Leadership Team: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 9. | VP/Academic Affairs: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 10. | Learning Council: | | Date: |
| | Recommended: Comments: | Not Recommended: | |
| 11. | VP/Academic Affairs: | | Date: |
| | Approved: | Not Approved: | |

2023 - 2024 Quinsigamond Community College

Proposal Form for Course Revision

| Type of Revision (check all that apply): | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| Course DesignationCourse NumberCourse Name/TitleDescription WordingCredits _X_ PrerequisitesCorequisitesElective TypeOther (explain): | | | | | | | | |
| | | | | | | | | |
| Course Discipline/Department: Interactive Media School: BET | | | | | | | | |
| Current Course Designation and Course Number: IMG 272 | | | | | | | | |
| Current Course Name/Title: 3D Modeling for Game Design | | | | | | | | |
| Current Course Description (as it appears in College catalog - include course designation and course number, course name/title, description wording, credits, prerequisites/corequisites, and semesters offered): | | | | | | | | |
| IMG 272 3D Modeling for Game Design This course covers the principles and techniques involved in creating three-dimensional media for Game Design. Students will learn the step-by-step processes of 3D modeling including NURBS, polygons, subdivisions, environments and character development using sophisticated industry-level 3D modeling software. Students acquire skills in texture design, mapping, cameras, lighting, scene set up and rendering. Credits: 3 Prerequisite: IMD 155, IMG 100, IMG 102 Semester Offered: F | | | | | | | | |
| Proposed Course Description (as it will appear in College catalog - include course designation and course number, course name/title, description wording, credits, prerequisites/corequisites, | | | | | | | | |
| and semesters offered - include all proposed changes): | | | | | | | | |
| IMG 272 3D Modeling for Game Design This course covers the principles and techniques involved in creating three-dimensional media for Game Design. Students will learn the step-by-step processes of 3D modeling including NURBS, polygons, subdivisions, environments and character development using sophisticated industry-level 3D modeling software. Students acquire skills in texture design, mapping, cameras, lighting, scene set up and rendering. Credits: 3 | | | | | | | | |
| Prerequisite: Placement into college level English | | | | | | | | |
| Semester Offered: F | | | | | | | | |
| Rationale for the change: No prior Adobe CC software or design skills is required for this course. | | | | | | | | |
| Provide a description of any change in course content: None | | | | | | | | |
| List all programs that are affected by this change (list program names and program codes as they appear in the College catalog). Confer with coordinator(s) of affected department(s): | | | | | | | | |
| Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD) | | | | | | | | |
| Attach current and proposed academic maps (with changes highlighted in yellow) for all affected programs (obtain current academic maps from Barbara Zabka and Erica Merrill): Attached | | | | | | | | |
| Submit generic syllabus to School Dean with all revisions included: Attached | | | | | | | | |

Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD) CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-----------------------------------------|----------------------------------|---------------------|----------------|---------------------------------------------------------------------------|---------------------------------------------------------------|
| | | Semester 1 | | T Toroquiottoo | Register for and successfully |
| Composition I | complete all courses to graduate | | | | |
| Digital Design Concepts I | ENG 101 IMD 114 | F/S/SU F/SU | 3 | Placement into college level English Placement into college level English | in four semesters. |
| Digital Imaging and Media | IMD 154 | F/SU | 3 | Placement into college level English | in roar comociore. |
| Digital imaging and modia | 11112 101 | 1700 | | Placement into college level English, | Complete ENG 101. |
| Drawing the Human Form | IMG 100 | F | 3 | Admission to Interactive Media - | • |
| brawing the Human'r om | 100 | | <u> </u> | Game Design Option program | |
| | | | | Placement into college level English, | |
| Fundamentals of Game_ | IMG 101 | F | 3 | Admission to Interactive Media - | |
| Design and Development | | _ | | Game Design Option program | |
| | | Total | 15 | | |
| | Se | mester 2 (| Spring) | | If considering transfer, meet with |
| Introduction to | CIS 111 | F/S/SU | 3 | | a Transfer Services Advisor. See |
| Microcomputer Applications | _ | | _ | | www.QCC.edu/transfer |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | |
| Digital Illustration and | IMD 155 | S/SU | 3 | IMD 154 | |
| Animation | 11112 100 | 0,00 | | | |
| | | | _ | Placement into college level English, | |
| Introduction to Game Design | IMG 102 | <mark>S/SU</mark> | <mark>3</mark> | Admission to Interactive Media - | |
| | | Total | 15 | Game Design Option program | |
| | | emester 3 | | | If a small deadle in the small section is a standard |
| | | Terriester 3 | (Fall) | Discountints college level English | If considering transfer, meet with |
| Introduction to Drogramming | | | | Placement into college level English, MAT 095 with a grade of "C" or | representatives of four-year schools to discuss/begin the |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | higher or approp place score, Coreq: | transfer application process; or |
| with C++ | | | | CIS 105 or CIS 111 | create an account on the QCC job |
| Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | board to search for internships, |
| , | | | | IMD 155, IMG 100, IMG 101, IMG | co-ops and jobs. |
| Intermediate Game Design | IMG 203 | F | 3 | 102 | , , |
| 3D Modeling for Game | 11.40.070 | _ | _ | IMP 455 IMO 400 IMO 400 | |
| <mark>Design</mark> | IMG 272 | F | <mark>3</mark> | IMD 155, IMG 100, IMG 102 | |
| College Mathematics I: Pre- | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| Calculus | IVIAT 123 | | _ | IVIAT 100 of approp place score | |
| | | Total mester 4 (| 15 | | |
| | Continue with/complete the | | | | |
| Interactive Game Design | IMG 288 | S | 4 | IMG 203, IMG 272 | transfer application process; or if |
| Portfolio | | - | • | | seeking employment, meet with |
| College Mathematics II: | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | Career Services for career readiness preparation and to learn |
| Trigonometry Liberal Arts Elective | | F/S/SU | 3 | 1, 1, | more about QCC's job board. |
| Liberal Arts Elective | | F/S/SU | 3 | | more about QOC's job board. |
| Science Elective or Lab | | 173/30 | J | | Submit an Intent to Graduate |
| Science Elective or Lab | | F/S/SU | 3-4 | | Form, located on <i>The Q</i> . |
| Ocience Liective | | Total | 16-17 | | |
| Total Credits R | Required | · Jui | 61-62 | | |
| Total Ground | | | V. V. | | |

Interactive Media - Game Design Option - Associate in Science (Program Code: IMGD)

OPOSED PR

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------------------|-------------------------------|--------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| | Register for and successfully | | | | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | complete all courses to graduate |
| Digital Design Concepts I | IMD 114 | F/SU | 3 | Placement into college level English | in four semesters. |
| Digital Imaging and Media | IMD 154 | F/SU | 3 | Placement into college level English | |
| Drawing the Human Form | IMG 100 | F/S | 3 | Placement into college level English | Complete ENG 101. |
| Fundamentals of Game Design and Development | IMG 101 | F | <mark>3</mark> | Placement into college level English | |
| | | Total | 15 | | |
| | Se | emester 2 | (Spring) | | If considering transfer, meet with |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | a Transfer Services Advisor. See www.QCC.edu/transfer |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | |
| Digital Illustration and Animation | IMD 155 | S/SU | 3 | IMD 154 | |
| Introduction to Game Design | IMG 102 | S/SU | 3 | Placement into college level English | |
| | | Total | 15 | | |
| | Se | emester 3 | (Fall) | | If considering transfer, meet with |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job |
| Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | board to search for internships, |
| Intermediate Game Design | IMG 203 | F | 3 | IMD 155, IMG 100, IMG 101, IMG 102 | co-ops and jobs. |
| 3D Modeling for Game Design | IMG 272 | F | 3 | Placement into college level English | |
| College Mathematics I: Pre- Calculus | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| | | Total emester 4 | 15 | | |
| | Continue with/complete the | | | | |
| Interactive Game Design Portfolio | IMG 288 | S | 4 | IMG 203, IMG 272 | transfer application process; or if seeking employment, meet with |
| College Mathematics II: Trigonometry | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | Career Services for career readiness preparation and to learn |
| Liberal Arts Elective | | F/S/SU | 3 | | more about QCC's job board. |
| Liberal Arts Elective | | F/S/SU | 3 | _ | |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 16-17 | | |
| Total Credits F | Required | | 61-62 | | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| 1. | Course Number and Name: (from current AY22/23 catalog): A | ACC 101 Financial Accounting I |
|-----|-------------------------------------------------------------------------------------------------|--------------------------------|
| 2. | Originator: Jean McLean | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | |
| 5. | Reviewed by Program and Process (if applicable) | Date: |
| 6. | Recommended by the School of Business, Engineering & Technology Comments: Unanimously approved. | nology Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | |
| | Recommended: Not Recommended: Comments: | |
| 8. | VP/Academic Affairs: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 9. | Learning Council: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 10. | . VP/Academic Affairs: | Date: |
| | Approved: Not Approved: Comments: | |

2022 - 2023 QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

| Type of Revision: | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber# | | | | | | | | | | |
| Credits | | | | | | | | | | |
| Elective TypeOther (explain) | | | | | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | | | | | |
| Current Course Number: ACC 101 | | | | | | | | | | |
| Current Course Name: Financial Accounting I | | | | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | | | | | | | |
| | | | | | | | | | | |
| ACC 101 Financial Accounting I | | | | | | | | | | |
| This course focuses on the relationships between business activities and events and the impact they have on financial statements from a preparer perspective. Students study financial transactions for both | | | | | | | | | | |
| service and merchandising businesses and relate the transactions to a company's assets, liabilities, | | | | | | | | | | |
| owners' equity, revenues, and expenses. Areas of study include the basic accounting model, the process | | | | | | | | | | |
| of the accounting cycle, accounting principles and terminology, financial statement preparation, | | | | | | | | | | |
| analytics, and computerized accounting applications. Credits: 3 | | | | | | | | | | |
| Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or | | | | | | | | | | |
| appropriate placement score | | | | | | | | | | |
| Semester Offered: F/S/SU | | | | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | | | | |
| | | | | | | | | | | |
| ACC 101 Financial Accounting I | | | | | | | | | | |
| This course focuses on the relationships between business activities and events and the impact they have on financial statements from a preparer perspective. Students study financial transactions for both | | | | | | | | | | |
| service and merchandising businesses and relate the transactions to a company's assets, liabilities, | | | | | | | | | | |
| owners' equity, revenues, and expenses. Areas of study include the basic accounting model, the process | | | | | | | | | | |
| of the accounting cycle, accounting principles and terminology, financial statement preparation, analytics, | | | | | | | | | | |
| and computerized accounting applications. Credits: 3 | | | | | | | | | | |
| Prerequisite: Placement into college level English | | | | | | | | | | |
| Semester Offered: F/S/SU | | | | | | | | | | |
| Rationale for the change: | | | | | | | | | | |
| | | | | | | | | | | |
| MAT 090 is no longer being offered. | | | | | | | | | | |
| Provide a description of any change in course content. | | | | | | | | | | |
| | | | | | | | | | | |
| No change. | | | | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | | | | | |
| appear in the college catalog) | | | | | | | | | | |
| | | | | | | | | | | |
| Business Administration Career - Associate in Science (Program Code: BB) | | | | | | | | | | |
| Business Administration Career - Administrative Professional Option - Associate in Science (Business Administration Career - Administrative Professional Option - Associate in Science (Business Administration Career - Administrative Professional Option - Associate in Science | | | | | | | | | | |
| (Program Code: BBAP) | | | | | | | | | | |
| Business Administration Transfer - Associate in Science (Program Code: BT) | | | | | | | | | | |

Accounting Certificate (Program Code: ACC)

- Administrative Professional Certificate (Program Code: APC)
- Business Administration Certificate (Program Code: BAC)
- Entrepreneurship and Small Business Management Certificate (Program Code: ENS)
- Logistics/Supply Chain Management Certificate (Program Code: LOGC)
- Hospitality and Recreation Management Foodservice Management Option Associate in Science (Program Code: HRFO)
- Hospitality and Recreation Management Hospitality Management Option Associate in Science (Program Code: HRHO)
- Hospitality Management Certificate (Program Code: HO)
- Computer Information Systems Transfer Option Associate in Science (Program Code: CITR)
- Healthcare Medical Office Management Option Associate in Science (Program Code: HCMO)

Please confer with the coordinator of the affected department.

Attach current and proposed academic maps (with changes in **bold**) for all affected programs. You can obtain academic maps from Barb Zabka.

Attached.

Please submit a generic syllabus to your dean with all of the revisions included.

Business. Financial & Hospitality Management
Business Administration Career - Associate in Science (Program Code: BB)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|--------------------------------|---------------|---------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | program (Program Code: BB). |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Register for and successfully complete all courses to graduate in four semesters. |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | Complete ENG 101 and the |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Mathematics Elective (MAT 103 or |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | MAT 122 recommended; MAT 122 |
| Mathematics Elective | | F/S/SU | 3 | | strongly recommended if considering |
| | | Total | 15 | | transfer). |
| | | Semest | er 2 | | If choosing BUS 299 (Semester 4), |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | meet with Career Services to discuss the co-op process and leads for co- op placements. |
| Business Law I OR E-Business Law & Ethics | BSL 101 BSL 103 | F/S/SU F/S | 3 | Coreq: CIS 111 | |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | |
| Elective | | F/S/SU | 3 | 3 3 | - |
| | | Total | 15 | | |
| | | Semest | er 3 | | If choosing BUS 299 (Semester 4), contact Career Services to complete all requirements of CPS 298 (required prior to registration for BUS 299). See www.qcc.edu/career-services . |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | |
| Business Elective | | F/S/SU | 3 | | If considering transfer, meet with Academic Advisor to discuss |
| Humanities Elective | | F/S/SU | 3 | | associate degree (Program Code: BT); or create an account on the |
| Social Science Elective | | F/S/SU | 3 | | QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| | | Semest | er 4 | | Apply to associate degree (Program |
| Business Administration Capstone OR | BUS 250 | 5 /0 | | CIS 111, Coreq: ACC 101 or CIS 212 | Code: BT); or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Career Strategies and Co-op Experience | BUS 299 | F/S | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | |
| Elective | | F/S/SU | 3 | | |
| Business Elective | | F/S/SU | 3 | | |
| Humanities Elective | | F/S/SU | 3 | | |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | |
| | | Total | 15-16 | | |
| Total Credits R | Required | | 60-61 | | |

<u>Business. Financial & Hospitality Management</u> Business Administration Career - Associate in Science (Program Code: BB)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|--------------------------------|---------|---------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | program (Program Code: BB). Register for and successfully complete all courses to graduate in four semesters. |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | Complete ENG 101 and the |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Mathematics Elective (MAT 103 or |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | MAT 122 recommended; MAT 122 |
| Mathematics Elective | | F/S/SU | 3 | | strongly recommended if considering |
| | | Total | 15 | | transfer). |
| | | Semest | er 2 | | If choosing BUS 299 (Semester 4), |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | meet with Career Services to discuss |
| Business Law I OR | BSL 101 | F/S/SU | 3 | | the co-op process and leads for co- |
| E-Business Law & Ethics | BSL 103 | F/S | _ | Coreq: CIS 111 | op placements. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | |
| Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| | | Semest | er 3 | | If choosing BUS 299 (Semester 4), |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | contact Career Services to complete all requirements of CPS 298 |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | (required prior to registration for BUS 299). See www.QCC.edu/career-services . |
| Business Elective | | F/S/SU | 3 | | If considering transfer, meet with Academic Advisor to discuss |
| Humanities Elective | | F/S/SU | 3 | | associate degree (Program Code: BT); or create an account on the |
| Social Science Elective | | F/S/SU | 3 | | QCC job board to search for internships, co-ops and jobs. |
| | | Total | 15 | | , , , , |
| | | Semest | er 4 | | Apply to associate degree (Program |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | Code: BT); or if seeking employment, meet with Career Services for career |
| Career Strategies and Co-op Experience | BUS 299 | .,. | | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Elective | | F/S/SU | 3 | | |
| Business Elective | | F/S/SU | 3 | | |
| Humanities Elective | | F/S/SU | 3 | | |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | |
| | | Total | 15-16 | | |
| Total Credits R | Required | | 60-61 | | |

<u>Business. Financial & Hospitality Management</u> Business Administration Career - Administrative Professional Option - Associate in Science (Program Code: BBAP)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|-------------|---------|----------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | Course # | Semest | | Fierequisites | |
| | | Jennest | E1 1 | Discourse tinto calle no board Emplish | Apply and get accepted to this |
| Figure 1 A constitute 1 | A C C 4 C 4 | FICICII | _ | Placement into college level English, | program (Program Code: BBAP). |
| Financial Accounting I | ACC 101 | F/S/SU | <mark>3</mark> | MAT 090 with a grade of "C" or higher or approp place score | Degister for and augeocafully |
| Medical Law and Ethics OR | ALH 106 | F/S | | Placement into college level English | Register for and successfully complete all courses to graduate in |
| Business Law I OR | BSL 101 | F/S/SU | 3 | Placement into college level English | four semesters. |
| E-Business Law & Ethics | BSL 101 | F/S | 3 | Coreq: CIS 111 | Tour semesters. |
| ** | BSS 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. |
| Keyboarding Applications | 899 101 | F/S/SU | 3 | Placement into college level English | Complete LING 101. |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| · | | Total | 15 | | |
| | | Semest | er 2 | | Meet with Career Services to discuss |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | the co-op process and leads for co- |
| | | | | | op placements. |
| Advanced Microcomputer | 010 440 | E/0/011 | | CIS 111, Placement into college level | • • |
| Applications | CIS 112 | F/S/SU | 3 | English, MAT 095 with a grade of "C" | For the Elective, ALH 102 strongly |
| | | | | or higher or approp place score | recommended. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Elective | | F/S/SU | 3 | | Complete the Mathematics Elective |
| Mathematics Elective | | F/S/SU | 3 | | (MAT 103 or MAT 122 strongly |
| | | Total | 15 | | recommended). |
| | | Semest | er 3 | | Contact Career Services to complete |
| Medical/Dental Billing and | DOC 440 | F/0 | | A111400 | all requirements of CPS 298 |
| Insurance OR | BSS 112 | F/S | 3 | ALH 102 | (required prior to registration for BUS |
| Business Elective | | F/S/SU | | | 299). See www.QCC.edu/career- |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | services. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Create an account on the QCC job |
| Elective | | F/S/SU | 3 | | board to search for internships, co- |
| Liberal Arts Elective | | F/S/SU | 3 | | ops and jobs. |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | |
| | | Total | 15-16 | | |
| | | Semest | er 4 | | If seeking employment, meet with |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | |
| Career Strategies and Co-op Experience | BUS 299 | 173 | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | |
| Electronic Health Records OR | CIS 212 | F/S | | ALH 102, CIS 111 | |
| Database Management Application Development | CIS 243 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| Total Credits R | equired | | 60-61 | | |

<u>Business. Financial & Hospitality Management</u> Business Administration Career - Administrative Professional Option - Associate in Science (Program Code: BBAP)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|----------|---------|---------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | Course # | Semest | | Frerequisites | Apply and get accepted to this |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: BBAP). |
| Medical Law and Ethics OR | ALH 106 | F/S | y | Placement into college level English | program (i rogram code. bbAi). |
| Business Law I OR | BSL 101 | F/S/SU | 3 | r lacement into conego level English | Register for and successfully |
| E-Business Law & Ethics | BSL 103 | F/S | 1 " | Coreq: CIS 111 | complete all courses to graduate in |
| Keyboarding Applications | BSS 101 | F/S/SU | 3 | Placement into college level English | four semesters. |
| | 200.01 | .,,,,,, | | · · · · · · · · · · · · · · · · · · · | - |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | Complete ENG 101. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| | | Total | 15 | | |
| | | Semest | | | Meet with Career Services to discuss |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | the co-op process and leads for co- |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | op placements. For the Elective, ALH 102 strongly recommended. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Mathematics Elective | | F/S/SU | 3 | | Complete the Mathematics Elective |
| Elective | | F/S/SU | 3 | | (MAT 103 or MAT 122 strongly |
| | | Total | 15 | | recommended). |
| | l . | Semest | er 3 | | Contact Career Services to complete |
| Medical/Dental Billing and Insurance OR | BSS 112 | F/S | 3 | ALH 102 | all requirements of CPS 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services . |
| Business Elective | | F/S/SU | | | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Create an account on the QCC job |
| Elective | | F/S/SU | 3 | | board to search for internships, co- |
| Liberal Arts Elective | | F/S/SU | 3 | | ops and jobs. |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | |
| | | Total | 15-16 | | |
| | | Semest | er 4 | | If seeking employment, meet with |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | |
| Career Strategies and Co-op Experience | BUS 299 | F/O | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | |
| Electronic Health Records OR | CIS 212 | F/S | | ALH 102, CIS 111 | |
| Database Management Application Development | CIS 243 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| Total Credits R | Required | | 60-61 | | |

Business. Financial & Hospitality Management
Business Administration Transfer - Associate in Science (Program Code: BT) **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|-------------------------------------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: BT). Register for and successfully |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | complete all courses to graduate in four semesters. |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Attend Transfer Services events. For information see |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | www.QCC.edu/transfer. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. |
| College Mathematics I: Pre- Calculus OR | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | Complete MAT 123 or MAT 231. |
| Applied Calculus | MAT 231 | S | | MAT 123 or approp place score | |
| | | Total | 15 | | |
| | | Semest | | | Meet with Academic Advisor to |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | choose Program Electives |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | (Semesters 3 and 4); must be |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | selected from ACC, BSL, FIN, MGT, |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | or MRK course designations. Meet with a Transfer Services |
| Humanities Elective | | F/S/SU | 3 | | Advisor. See www.QCC.edu/transfer. |
| | | Total | 15 | | Attend Transfer Services events. |
| | | Semest | er 3 | | Meet with representatives of four- |
| Managerial Accounting | ACC 222 | F/S/SU | 3 | ACC 102 | year schools to discuss/begin the |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | transfer application process. |
| Humanities Elective | | F/S/SU | 3 | | |
| Lab Science Elective | | F/S/SU | 4 | | Students in the Commonwealth |
| Program Elective | | F/S/SU | 3 | | Commitment program should choose |
| | | Total | 16 | | MRK 201 as the Program Elective. |
| | Continue with/complete the transfer | | | | |
| Elective | | F/S/SU | 3 | | application process. |
| Humanities Elective | | F/S/SU | 3 | | |
| Program Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | located on The Q. |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15-16 | | |
| Total Credits R | Required | . Juli | 61-62 | | |

Business. Financial & Hospitality Management
Business Administration Transfer - Associate in Science (Program Code: BT) **PROPOSED**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|----------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| | | Semest | er 1 | • | Apply and get accepted to this |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: BT). |
| Introduction to Microcomputer Applications OR | CIS 111 | | _ | | Register for and successfully |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | complete all courses to graduate in four semesters. |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | Attend Transfer Services events. For information see |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| College Mathematics I: Pre- Calculus OR | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | Complete ENG 101. |
| Applied Calculus | MAT 231 | S | | MAT 123 or approp place score | |
| | | Total | 15 | | Complete MAT 123 or MAT 231. |
| | | Semest | er 2 | | Meet with Academic Advisor to |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | choose Program Electives |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | (Semesters 3 and 4); must be |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | selected from ACC, BSL, FIN, MGT, |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | or MRK course designations. Meet with a Transfer Services |
| Humanities Elective | | F/S/SU | 3 | | Advisor. See www.QCC.edu/transfer. |
| | | Total | 15 | | Attend Transfer Services events. |
| | | Semest | er 3 | | Meet with representatives of four- |
| Managerial Accounting | ACC 222 | F/S/SU | 3 | ACC 102 | year schools to discuss/begin the |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | transfer application process. |
| Humanities Elective | | F/S/SU | 3 | | |
| Lab Science Elective | | F/S/SU | 4 | | Students in the Commonwealth |
| Program Elective | | F/S/SU | 3 | | Commitment program should choose |
| | | Total | 16 | | MRK 201 as the Program Elective. |
| | | Semest | er 4 | | Continue with/complete the transfer |
| Elective | | F/S/SU | 3 | | application process. |
| Humanities Elective | | F/S/SU | 3 | | |
| Program Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | located on <i>The Q</i> . |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15-16 | | |
| Total Credits F | Required | | 61-62 | | |

<u>Business. Financial & Hospitality Management</u> Accounting Certificate (Program Code: ACC)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|--------------------------------|---------|---------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: ACC). Register for and successfully complete all courses to graduate in |
| Business Law I | BSL 101 | F/S/SU | 3 | | two semesters. Meet with Career Services to |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS 298 (required prior to registration for BUS 299). See |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | www.QCC.edu/career-services. Meet with Academic Advisor to |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for internships, co-ops and jobs. |
| | | Total | 15 | | interneriipe, ee epe ana jeze. |
| | | Semest | | | Apply to associate degree (Program |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | Code: BB); or if seeking |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | employment, meet with Career |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Services for career readiness preparation and to learn more about |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | QCC's job board. |
| Career Strategies and Co-op Experience | BUS 299 | | | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, located on <i>The</i> Q. |
| | | Total | 12 | | |
| Total Credits R | equired | | 27 | | |

<u>Business. Financial & Hospitality Management</u> Accounting Certificate (Program Code: ACC)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|--------------------------------|---------|---------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: ACC). Register for and successfully complete all courses to graduate in |
| Business Law I | BSL 101 | F/S/SU | 3 | | two semesters. Meet with Career Services to |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS 298 (required prior to registration for BUS 299). See |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | www.QCC.edu/career-services. Meet with Academic Advisor to |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for internships, co-ops and jobs. |
| | | Total | 15 | | internatipa, de apa una jaba. |
| | | Semeste | | | Apply to associate degree (Program |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | Code: BB); or if seeking |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | employment, meet with Career |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Services for career readiness preparation and to learn more about |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | QCC's job board. |
| Career Strategies and Co-op Experience | BUS 299 | .,- | | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, located on <i>The</i> Q. |
| | | Total | 12 | | |
| Total Credits R | equired | | 27 | | |

<u>Business. Financial & Hospitality Management</u> *Administrative Professional Certificate (Program Code: APC)*

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|----------|---------|---------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semeste | er 1 | 4 | Apply and get accepted to this |
| Keyboarding Applications | BSS 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: APC). Register for and successfully complete all courses to graduate in |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | two semesters. Meet with Career Services to discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. Meet with Academic Advisor to discuss associate degree (Program Code: BBAP); or create an account on the QCC job board to search for |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| | | Total | 12 | | internships, co-ops and jobs. |
| | | Semeste | er 2 | | Apply to associate degree (Program |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Code: BBAP); or if seeking employment, meet with Career Services for career readiness |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | preparation and to learn more about QCC's job board. |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, |
| Career Strategies and Co-op Experience | BUS 299 | 173 | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | located on The Q. |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | |
| | | Total | 15 | | |
| Total Credits R | equired | | 27 | | |

<u>Business. Financial & Hospitality Management</u> *Administrative Professional Certificate (Program Code: APC)*

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|---------------------------------------------------------------|--------------------------------|------------------|-------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Keyboarding Applications | BSS 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: APC). Register for and successfully complete all courses to graduate in |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | two semesters. Meet with Career Services to discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. Meet with Academic Advisor to discuss associate degree (Program Code: BBAP); or create an account on the QCC job board to search for |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| | | Total | 12 | | internships, co-ops and jobs. |
| | | Semeste | | | Apply to associate degree (Program |
| Financial Accounting I Integrated Communications for Business | ACC 101 BUS 201 | F/S/SU F/S/SU | 3 3 | Placement into college level English CIS 111, Placement into college level English | Code: BBAP); or if seeking employment, meet with Career Services for career readiness |
| Business Administration Capstone OR | BUS 250 | F/S | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | preparation and to learn more about QCC's job board. |
| Career Strategies and Co-op Experience | BUS 299 | F/S | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | located on <i>The</i> Q. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | |
| | | Total | 15 | | |
| Total Credits R | equired | | 27 | | |

Business. Financial & Hospitality Management Business Administration Certificate (Program Code: BAC)

CURRENT

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|--------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | program (Program Code: BAC). Register for and successfully |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | complete all courses to graduate in two semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | For the Mathematics Elective, MAT 103 or MAT 122 recommended if |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | pursuing associate degree (Program Code: BB). |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor to discuss associate degree (Program |
| Mathematics Elective | | F/S/SU | 3 | | Code: BB); or create an account on the QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| | 1 | Semeste | er 2 | | Apply to associate degree (Program |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Code: BB); or if seeking employment, meet with Career Services for career readiness |
| Business Law I OR | BSL 101 | F/S/SU | 2 | | preparation and to learn more about |
| E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | QCC's job board. |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Submit an Intent to Graduate Form, |
| Business Elective | | F/S/SU | 3 | | located on <i>The</i> Q. |
| | | Total | 12 27 | | |
| Total Credits R | Total Credits Required | | | | |

Business. Financial & Hospitality Management Business Administration Certificate (Program Code: BAC)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|--------------------------------|---------|----------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Introduction to Microcomputer Applications OR | CIS 111 | E101011 | | | program (Program Code: BAC). Register for and successfully |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | complete all courses to graduate in two semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | For the Mathematics Elective, MAT 103 or MAT 122 recommended if |
| Introduction to Business | MGT 101 | F/S/SU | 3 | Placement into college level English | pursuing associate degree (Program Code: BB). |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor to discuss associate degree (Program |
| Mathematics Elective | | F/S/SU | 3 | | Code: BB); or create an account on the QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| | | Semeste | er 2 | | Apply to associate degree (Program |
| Financial Accounting I | ACC 101 | F/S/SU | <mark>3</mark> | Placement into college level English | Code: BB); or if seeking |
| Business Law I OR | BSL 101 | F/S/SU | 3 | | employment, meet with Career |
| E-Business Law & Ethics | BSL 103 | F/S | 3 | Coreq: CIS 111 | Services for career readiness |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | preparation and to learn more about QCC's job board. |
| Business Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| | | Total | 12 27 | | located on The Q. |
| Total Credits R | Total Credits Required | | | | |

Business. Financial & Hospitality Management
Entrepreneurship and Small Business Management Certificate (Program Code: ENS) **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|--------------------------------|---------|---------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: ENS). Register for and successfully |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | complete all courses to graduate in two semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| Personal Financial Planning | FIN 111 | F/S | 3 | MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program |
| Entrepreneurship and Small Business Management | MGT 216 | F/S | 3 | Placement into college level English | Code: BB); or create an account on the QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| | | Semeste | er 2 | | Apply to associate degree (Program |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | Code: BB); or if seeking employment, meet with Career |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | Services for career readiness preparation and to learn more about |
| Principles of Marketing | MRK 201 | F/S/SU | 3 | Placement into college level English | QCC's job board. |
| Humanities Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 12 | | located on The Q. |
| Total Credits R | equired | | 27 | | |

Business. Financial & Hospitality Management
Entrepreneurship and Small Business Management Certificate (Program Code: ENS) **PROPOSED**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|--------------------------------|---------|----------------|-------------------------------------------------------------|--------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | <mark>3</mark> | Placement into college level English | program (Program Code: ENS). |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | Register for and successfully complete all courses to graduate in |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | two semesters. |
| Personal Financial Planning | FIN 111 | F/S | 3 | MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program |
| Entrepreneurship and Small Business Management | MGT 216 | F/S | 3 | Placement into college level English | Code: BB); or create an account on the QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| | | Semest | er 2 | | Apply to associate degree (Program |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | Code: BB); or if seeking employment, meet with Career |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | Services for career readiness preparation and to learn more about |
| Principles of Marketing | MRK 201 | F/S/SU | 3 | Placement into college level English | QCC's job board. |
| Humanities Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 12 | | located on The Q. |
| Total Credits R | equired | | 27 | | |

Business. Financial & Hospitality Management Logistics/Supply Chain Management Certificate (Program Code: LOGC)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | |
|------------------------------------------------------|------------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | Semester 1 | | | | | |
| Financial Accounting I OR | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Apply and get accepted to this program (Program Code: LOGC). Register for and successfully complete all courses to graduate in two semesters. | |
| Principles of Macroeconomics | ECO 215 | | • | Coreq: ENG 101 | If choosing BUS 299 for one of the Program Electives (Semester 2), meet with Career Services to | |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | discuss the co-op process and leads for co-op placements. | |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | If choosing BUS 299 for one of the Program Electives (Semester 2), contact Career Services to complete all requirements of CPS | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. | |
| Introduction to Business Logistics | LOG 105 | F | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for | |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | internships, co-ops and jobs. Complete prerequisite(s) for MAT | |
| | | Total | 15 | | 122. | |
| | | Semeste | er 2 | | For the Program Electives, choose: | |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | BUS 299, LOG 106, LOG 107, LOG 208, or MNT 100 (see individual course descriptions for semester offerings and prerequisites). | |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | Apply to associate degree (Program Code: BB); or if seeking | |
| Program Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about | |
| Program Elective | | F/S/SU | 3 | | QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . | |
| | | Total | 12 | | | |
| Total Credits R | equired | | 27 | | | |

Business. Financial & Hospitality Management Logistics/Supply Chain Management Certificate (Program Code: LOGC)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones | | |
|------------------------------------------------------|------------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | Semester 1 | | | | | | |
| Financial Accounting I OR | ACC 101 | F/S/SU | 3 | Placement into college level English | Apply and get accepted to this program (Program Code: LOGC). Register for and successfully complete all courses to graduate in two semesters. | | |
| Principles of Macroeconomics | ECO 215 | | | Coreq: ENG 101 | If choosing BUS 299 for one of the Program Electives (Semester 2), meet with Career Services to | | |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | discuss the co-op process and leads for co-op placements. | | |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | If choosing BUS 299 for one of the Program Electives (Semester 2), contact Career Services to complete all requirements of CPS | | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. | | |
| Introduction to Business Logistics | LOG 105 | F | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for | | |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | internships, co-ops and jobs. Complete prerequisite(s) for MAT | | |
| | | Total | 15 | | 122. | | |
| | | Semeste | er 2 | | For the Program Electives, choose: | | |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | BUS 299, LOG 106, LOG 107, LOG 208, or MNT 100 (see individual course descriptions for semester offerings and prerequisites). | | |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | Apply to associate degree (Program Code: BB); or if seeking | | |
| Program Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about | | |
| Program Elective | | F/S/SU | 3 | | QCC's job board. Submit an Intent to Graduate Form, located on <i>The Q</i> . | | |
| | | Total | 12 | | | | |
| Total Credits R | equired | | 27 | | | | |

Business. Financial & Hospitality Management
Hospitality and Recreation Management - Foodservice Management Option - Associate in Science (Program Code: HRFO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-------------------------------------------------------------------------|----------|-----------------|---------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semest | er 1 | | Apply and get accepted to this |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: HRFO). |
| Introduction to Hotel/ Restaurant Management | HRM 101 | F/S | 3 | | Apply for prior credit articulated from technical high school program. |
| Basic Foods: Mise En Place | HRM 110 | F/S | 3 | | |
| Basic Foods: Basic Boucher & Patissier OR | HRM 111 | | | Coreq: HRM 110 | Register for and successfully complete all courses to graduate in four semesters. |
| Introduction to Meats AND | CUL 111 | 111 F/S | 4 | | |
| Introduction to Poultry & Seafood | CUL 112 | | | Coreq: HRM 110 or HRM 115 | Complete ENG 101 and HRM 110. |
| Sanitation Certification | HRM 115 | F/S/SU | 1 | | Complete HRM 111 (4 credits); or |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | complete CUL 111 (2 credits) and CUL 112 (2 credits). |
| | | Total | 17 | | |
| Semester 2 | | | | | Meet with Career Services to discuss |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | the co-op process and leads for co- op placements. If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. |
| Basic Foods: Garde-Manager & Saucier OR | HRM 112 | | | Coreq: HRM 110 | |
| Introduction to Vegetables, Fruits & Grains AND | CUL 113 | L 113 F/S | 4 | Coreq: HRM 110 or HRM 115 | |
| Introduction to Dairy, Salads & Sandwiches Food and Beverage Cost | CUL 114 | | | | Complete HRM 112 (4 credits); or |
| Control | HRM 131 | F/S | 3 | | complete CUL 113 (2 credits) and CUL 114 (2 credits). |
| Dining Room and Banquet Management | HRM 218 | S | 3 | | |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| Cumary Licenve | | Total | 16 | | |
| | | Semest | er 3 | | Contact Career Services to complete |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | all requirements of CPS 298 (required prior to registration for HRM 299). See www.qcc.edu/career-services . |
| Nutrition for Foodservice Management | HRM 216 | F/S | 3 | Coreq: CUL 111 or CUL 112 or CUL 113 or CUL 114 or HRM 110 | |
| Psychology of Interpersonal Relations OR | PSY 118 | F | 3 | Placement into college level English | If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. |
| Human Relations in Organizations | PSY 158 | F/S/SU | | - Idea Horit Into college level English | |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| Mathematics Elective or | | F/S/SU | 3-4 | | |
| Science Elective Multiple Perspectives Elective | | F/S/SU | 3 | | |
| , , , | | Total | 15-16 | | |
| Semester 4 | | | | | Continue with/complete the transfer |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. |
| Hotel/Restaurant Management Cooperative Education Practicum OR | HRM 298 | | | Approval of Program Coordinator | |
| Hotel/Restaurant Management Cooperative | HRM 299 | F/S/SU | 2-6 | CPS 298, Approval of Program Coordinator | Complete HRM 298 (2 credits); or complete HRM 299 (2-6 credits). |
| Education Experience | | E/C/CII | 2 | | Submit an Intent to Graduate Form, |
| Business Elective Hotel/Restaurant | | F/S/SU | 3 | | located on <i>The Q</i> . |
| Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| Odili lai y Licctive | | | | 1 | |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| | | F/S/SU Total | 3 14-18 62-67 | | |

Business. Financial & Hospitality Management PROPOSED

Hospitality and Recreation Management - Foodservice Management Option - Associate in Science (Program Code: HRFO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-----------------------------------------------------------------|-------------------------------------|-------------------|-----------|------------------------------------------------------------|---------------------------------------------------------------------|
| | | Semest | | | Apply and get accepted to this |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: HRFO). |
| Introduction to Hotel/ Restaurant Management | HRM 101 | F/S | 3 | | Apply for prior credit articulated from |
| Basic Foods: Mise En Place | HRM 110 | F/S | 3 | | technical high school program. |
| Basic Foods: Basic Boucher & Patissier OR | HRM 111 | | | Coreq: HRM 110 | Register for and successfully complete all courses to graduate in |
| Introduction to Meats AND | CUL 111 | F/S | 4 | | four semesters. |
| Introduction to Poultry & Seafood | CUL 112 | | | Coreq: HRM 110 or HRM 115 | Complete ENG 101 and HRM 110. |
| Sanitation Certification | HRM 115 | F/S/SU | 1 | | Complete HRM 111 (4 credits); or |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | complete CUL 111 (2 credits) and |
| | | Total | 17 | | CUL 112 (2 credits). |
| Composition II | ENG 102 | Semeste F/S/SU | er 2 3 | ENG 101 | Meet with Career Services to discuss |
| Composition II Basic Foods: Garde-Manager | | F/3/30 | 3 | | the co-op process and leads for co- op placements. |
| & Saucier OR Introduction to Vegetables, | HRM 112 | | | Coreq: HRM 110 | If considering transfer, meet with a |
| Fruits & Grains AND Introduction to Dairy, Salads | CUL 113 | F/S | 4 | Coreq: HRM 110 or HRM 115 | Transfer Services Advisor. See www.QCC.edu/transfer. |
| & Sandwiches Food and Beverage Cost | 00L 114 | | | | Complete HRM 112 (4 credits); or |
| Control | HRM 131 | F/S | 3 | | complete CUL 113 (2 credits) and CUL 114 (2 credits). |
| Dining Room and Banquet Management | HRM 218 | S | 3 | | oce in (e crounts). |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| • | | Total Semeste | 16 | | |
| | Contact Career Services to complete | | | | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | all requirements of CPS 298 (required prior to registration for HRM |
| Nutrition for Foodservice Management | HRM 216 | F/S | 3 | Coreq: CUL 111 or CUL 112 or CUL 113 or CUL 114 or HRM 110 | 299). See <u>www.QCC.edu/career-services</u> . |
| Psychology of Interpersonal Relations OR | PSY 118 | F | 3 | Placement into college level English | If considering transfer, meet with |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Tracement into college level English | representatives of four-year schools to discuss/begin the transfer |
| Liberal Arts Elective | | F/S/SU | 3 | | application process; or create an account on the QCC job board to |
| Mathematics Elective or Science Elective | | F/S/SU | 3-4 | | search for internships, co-ops and |
| Multiple Perspectives Elective | | F/S/SU | 3 | | jobs. |
| | | Total | 15-16 | | |
| Financial Accounting I | ACC 101 | Semeste F/S/SU | er 4 3 | Placement into college level English | Continue with/complete the transfer |
| Hotel/Restaurant | ACC 101 | r/3/3U | <u>0</u> | Flacement into college level English | application process; or if seeking employment, meet with Career |
| Management Cooperative Education Practicum OR | HRM 298 | E/0/011 | 0.0 | Approval of Program Coordinator | Services for career readiness preparation and to learn more about |
| Hotel/Restaurant Management Cooperative Education Experience | HRM 299 | F/S/SU | 2-6 | CPS 298, Approval of Program Coordinator | QCC's job board. Complete HRM 298 (2 credits); or |
| Business Elective | | F/S/SU | 3 | | complete HRM 299 (2-6 credits). |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The</i> Q. |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| - | | Total | 14-18 | | |
| Total Credits R | equired | | 62-67 | | |

Business. Financial & Hospitality Management
Hospitality and Recreation Management - Hospitality Management Option - Associate in Science (Program Code: HRHO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|---------------------------------------------|-------------|---------|----------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | Course # | Semest | | ricicquisites | |
| | | Semest | ei i | | Apply and get accepted to this program (Program Code: HRHO). |
| Introduction to Microcomputer | CIS 111 | F/0/011 | | | program (Program Code: HRHO). |
| Applications OR | | F/S/SU | 3 | | Apply for prior credit articulated from |
| Business Elective | ENO 404 | E/0/011 | 0 | Discount interval and Lovel English | technical high school program. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | - Tribar High Condor program. |
| Introduction to Hotel/ | HRM 101 | F/S | 3 | | Register for and successfully |
| Restaurant Management | | | | | complete all courses to graduate in |
| Front Office Operations | HRM 135 | F | 3 | | four semesters. |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | |
| | | Total | 15 | | Complete ENG 101. |
| | | Semest | | | Meet with Career Services to discuss |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | the co-op process and leads for co- |
| Front Office Management | HRM 136 | S | 3 | | op placements. |
| Bar and Beverage | HRM 139 | s | 3 | | If a second desired to the second sec |
| Management | | | | | If considering transfer, meet with a |
| Management in the | HRM 235 | S | 3 | | Transfer Services Advisor. See www.QCC.edu/transfer. |
| Hospitality Industry | | _ | | | www.QCC.edu/transier. |
| Hotel/Restaurant | | E/0/011 | | | |
| Management Elective or | | F/S/SU | 3 | | |
| Culinary Elective | | Total | 15 | | _ |
| | | Semest | _ | | Contact Corear Comissas to complete |
| Pro Cooperative Education | | Jenlest | - | | Contact Career Services to complete all requirements of CPS 298 |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | (required prior to registration for HRM |
| Hotel Meetings: Sales and | | | | | 299). See www.QCC.edu/career- |
| Operations | HRM 232 | F | 3 | | services. |
| Destination Marketing and | | _ | _ | | |
| Management | HRM 236 | F | 3 | | If considering transfer, meet with |
| Psychology of Interpersonal | DOV 440 | _ | | | representatives of four-year schools |
| Relations ÓR | PSY 118 | F | 3 | Discoment into college level English | to discuss/begin the transfer |
| Human Relations in | PSY 158 | F/S/SU | 3 | Placement into college level English | application process; or create an |
| Organizations | PSY 158 | F/5/50 | | | account on the QCC job board to |
| Mathematics Elective or | | F/S/SU | 3-4 | | search for internships, co-ops and |
| Science Elective | | | _ | | jobs. |
| Multiple Perspectives Elective | | F/S/SU | 3 | | |
| | | Total | 15-16 | | |
| | | Semest | er 4 | | Continue with/complete the transfer |
| | 100 101 | E/0/014 | _ | Placement into college level English, | application process; or if seeking |
| Financial Accounting I | ACC 101 | F/S/SU | <mark>3</mark> | MAT 090 with a grade of "C" or higher | employment, meet with Career Services for career readiness |
| Hotel/Restaurant | | | | or approp place score | preparation and to learn more about |
| | LIDM 200 | Eleven | 2.6 | CPS 298, Approval of Program | QCC's job board. |
| Management Cooperative Education Experience | HRM 299 | F/S/SU | 2-6 | Coordinator | QCC 5 JOD DOGIU. |
| Business Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, |
| Hotel/Restaurant | | 1 /0/00 | J | | located on <i>The Q</i> . |
| Management Elective or | | F/S/SU | 3 | | Total and Tho Q. |
| Culinary Elective | | 173/30 | 3 | | |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| | | Total | 17-21 | | |
| Total Credits R | equired | | 62-67 | | |
| | | | | | |

Business. Financial & Hospitality Management Hospitality and Recreation Management - Hospitality Management Option - Associate in Science (Program Code: HRHO)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|-----------------------------------------------------------------|----------|-------------------------------------|---------|---------------------------------------------|------------------------------------------------------------------------------------------------------|
| | | Semeste | | | Apply and get accepted to this |
| Introduction to Microcomputer | CIS 111 | | | | program (Program Code: HRHO). |
| Applications OR | CIOTTI | F/S/SU | 3 | | A 1.5 : 17 17 17 15 |
| Business Elective | | | | | Apply for prior credit articulated from |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | technical high school program. |
| Introduction to Hotel/ Restaurant Management | HRM 101 | F/S | 3 | | Register for and successfully complete all courses to graduate in |
| Front Office Operations | HRM 135 | F | 3 | | four semesters. |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | |
| | | Total | 15 | | Complete ENG 101. |
| | | Semeste | er 2 | | Meet with Career Services to discuss |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | the co-op process and leads for co- |
| Front Office Management | HRM 136 | S | 3 | | op placements. |
| Bar and Beverage Management | HRM 139 | S | 3 | | If considering transfer, meet with a |
| Management in the Hospitality Industry | HRM 235 | S | 3 | | Transfer Services Advisor. See www.QCC.edu/transfer . |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| | | Contact Career Services to complete | | | |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | all requirements of CPS 298 (required prior to registration for HRM |
| Hotel Meetings: Sales and Operations | HRM 232 | F | 3 | | 299). See <u>www.QCC.edu/career-</u> <u>services</u> . |
| Destination Marketing and Management | HRM 236 | F | 3 | | If considering transfer, meet with |
| Psychology of Interpersonal Relations OR | PSY 118 | F | 3 | Discoment into college level English | representatives of four-year schools to discuss/begin the transfer |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | application process; or create an account on the QCC job board to |
| Mathematics Elective or Science Elective | | F/S/SU | 3-4 | | search for internships, co-ops and jobs. |
| Multiple Perspectives Elective | | F/S/SU | 3 | | |
| | | Total | 15-16 | | |
| | | Semeste | er 4 | | Continue with/complete the transfer |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | application process; or if seeking |
| Hotel/Restaurant Management Cooperative Education Experience | HRM 299 | F/S/SU | 2-6 | CPS 298, Approval of Program Coordinator | employment, meet with Career Services for career readiness preparation and to learn more about |
| Business Elective | | F/S/SU | 3 | | QCC's job board. |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| | | Total | 17-21 | | |
| Total Credits R | equired | | 62-67 | | |

Business. Financial & Hospitality Management Hospitality Management Certificate (Program Code: HO)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------------------------|----------|---------|---------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 230000 1100 | | Semeste | er 1 | | Apply and get accepted to this |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: HO). Apply for prior credit articulated from technical high school program. |
| Introduction to Microcomputer Applications OR | CIS 111 | F/S/SU | 3 | | Register for and successfully complete all courses to graduate in two semesters. |
| Business Elective | | 170700 | Ü | | Meet with Career Services to discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS 298 (required prior to registration for HRM 299). See www.QCC.edu/career-services . Meet with Academic Advisor to |
| Hospitality Accounting and Revenue Management | HRM 201 | F/S | 3 | | |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | discuss associate degree (Program Code: HRFO, HRHO); or create an account on the QCC job board to search for internships, co-ops and |
| | | Total | 12 | | jobs. |
| | | Semeste | | | Apply to associate degree (Program |
| Front Office Management | HRM 136 | S | 3 | | Code: HRFO, HRHO); or if seeking |
| Management in the Hospitality Industry | HRM 235 | S | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. |
| Hotel/Restaurant Management Cooperative Education Experience | HRM 299 | F/S/SU | 2-6 | CPS 298, Approval of Program Coordinator | |
| Psychology of Interpersonal Relations OR | PSY 118 | F | 3 | Placement into college level English | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Human Relations in Organizations | PSY 158 | F/S/SU | | T lacement into college level English | |
| Business Elective | | F/S/SU | 3 | | |
| | L | Total | 14-18 | | |
| Total Credits R | equired | | 26-30 | | |

Business. Financial & Hospitality Management Hospitality Management Certificate (Program Code: HO)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------------------------|----------|---------|---------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | oodise n | Semeste | | 1 Terequisites | Apply and get accepted to this |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | program (Program Code: HO). Apply for prior credit articulated from technical high school program. |
| Introduction to Microcomputer Applications OR | CIS 111 | F/S/SU | 3 | | Register for and successfully complete all courses to graduate in two semesters. |
| Business Elective | | 170/00 | 3 | | Meet with Career Services to discuss the co-op process and leads for co-op placements. |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | Contact Career Services to complete all requirements of CPS 298 (required prior to registration for HRM 299). See www.QCC.edu/career-services. Meet with Academic Advisor to |
| Hospitality Accounting and Revenue Management | HRM 201 | F/S | 3 | | |
| Hospitality Law and Ethics | HRM 221 | F/S | 3 | | discuss associate degree (Program Code: HRFO, HRHO); or create an account on the QCC job board to search for internships, co-ops and |
| | | Total | 12 | | jobs. |
| | | Semeste | | | Apply to associate degree (Program |
| Front Office Management | HRM 136 | S | 3 | | Code: HRFO, HRHO); or if seeking |
| Management in the Hospitality Industry | HRM 235 | S | 3 | | employment, meet with Career Services for career readiness |
| Hotel/Restaurant Management Cooperative Education Experience | HRM 299 | F/S/SU | 2-6 | CPS 298, Approval of Program Coordinator | preparation and to learn more about QCC's job board. |
| Psychology of Interpersonal Relations OR | PSY 118 | F | 3 | Placement into college level English | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Human Relations in Organizations | PSY 158 | F/S/SU | | Flacement into college level English | |
| Business Elective | | F/S/SU | 3 | | |
| | - | Total | 14-18 | | |
| Total Credits R | equired | | 26-30 | | |

<u>Computer & Information Technology</u> Computer Information Systems - Transfer Option - Associate in Science (Program Code: CITR) **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------|--------------------|------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| | | Semeste | r 1 | | Apply and get accepted to this |
| Introduction to Information Technology | CIS 105 | F/S | 3 | | program (Program Code: CITR). |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | Register for and successfully complete all courses to graduate in |
| Introduction to Programming with C++ | CIS 121 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | five semesters. Attend Transfer Services events. For information see |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| College Algebra | MAT 100 | F/S/SU | 3 | MAT 099 with a grade of "C" or higher or approp place score | Complete CIS 111, CIS 121, ENG |
| | | Total | 15 | | 101, and MAT 100. |
| | | Semeste | r 2 | | Meet with a Transfer Services |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Advisor. See www.QCC.edu/transfer. Attend Transfer Services events. |
| .NET Programming I | CIS 223 | S | 3 | CIS 105 or CIS 111, CIS 121 or CSC 108 | Complete CIS 223, ENG 102, and |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | MAT 123. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| College Mathematics I: Pre- Calculus | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| | | Total | 15 | | |
| | Se | mester 3 (S | Summer) | | Complete MAT 124. |
| College Mathematics II: Trigonometry | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | |
| Humanities Élective | | F/S/SU | 3 | | |
| | | Total | 6 | | |
| | T | Semeste | r 4 | I = | Meet with representatives of four- |
| Web Page Development I | CIS 134 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score, Coreq: CIS 105 or CIS 111 | year schools to discuss/begin the transfer application process. Complete PHY 101. |
| Introduction to Java | CIS 226 | F | 3 | CIS 121 or CSC 108 | · |
| .NET Programming II | CIS 232 | F | 3 | CIS 223 | |
| Discrete Mathematics | MAT 125 | F/S | 3 | MAT 123 or approp place score | |
| Physics I | PHY 101 | F/SU | 4 | MAT 148 or Coreq: MAT 124 | |
| | | Total | 16 | | |
| Delevioles of Mises | L 500 040 | Semeste | | L O FNO 404 | Continue with/complete the transfer |
| Principles of Microeconomics | ECO 216 PHY 102 | F/S/SU S/SU | 3 | Coreq: ENG 101 | application process. |
| Physics II Speech Communication Skills | SPH 101 | F/S/SU | 3 | PHY 101 | Submit an Intent to Graduate Form. |
| Humanities Elective | 5PH 101 | F/S/SU F/S/SU | 3 | Placement into college level English | located on <i>The</i> Q. |
| Social Science Elective | | F/S/SU | 3 | | locator on me w. |
| Social Colonico Liective | | Total | 16 | | |
| Total Credits R | equired | · Jui | 68 | | |
| Total Orealts IV | | | - | | |

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|----------------------------------|----------|----------------------|---------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|
| | | Semeste | | | Apply and get accepted to this |
| Introduction to Information | CIS 105 | F/S | 3 | | program (Program Code: CITR). |
| Technology | CIS 105 | F/3 | 3 | | |
| Introduction to Microcomputer | CIS 111 | F/S/SU | 3 | | Register for and successfully |
| Applications | 0.0 111 | 170700 | | B | complete all courses to graduate in five semesters. |
| Introduction to Programming | | | | Placement into college level English, MAT 095 with a grade of "C" or higher | live semesters. |
| with C++ | CIS 121 | F/S | 3 | or approp place score. Coreg: CIS 105 | Attend Transfer Services events. |
| with 511 | | | | or CIS 111 | For information see |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | www.QCC.edu/transfer. |
| College Algebra | MAT 100 | F/S/SU | 3 | MAT 099 with a grade of "C" or higher | |
| College Algebia | WAT 100 | | - | or approp place score | Complete CIS 111, CIS 121, ENG 101, and MAT 100. |
| | | Total | 15 | | |
| E | 100 101 | Semeste | | | Meet with a Transfer Services |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English | Advisor. See |
| .NET Programming I | CIS 223 | S | 3 | CIS 105 or CIS 111, CIS 121 or CSC 108 | www.QCC.edu/transfer. Attend Transfer Services events. |
| Principles of Macroeconomics | ECO 215 | F/S/SU | 3 | Coreq: ENG 101 | Transier dervices events. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | Complete CIS 223, ENG 102, and |
| College Mathematics I: Pre- | | | - | | MAT 123. |
| Calculus | MAT 123 | F/S/SU | 3 | MAT 100 or approp place score | |
| | | Total | 15 | | |
| | Se | mester 3 (S | Summer) | | Complete MAT 124. |
| College Mathematics II: | MAT 124 | F/S/SU | 3 | MAT 123 or approp place score | |
| Trigonometry Humanities Elective | | F/S/SU | - | in the teach appropriate each | |
| Humanities Elective | | Total | 3 6 | | |
| | | Semeste | _ | | Meet with representatives of four- |
| | | Jennesie | | Placement into college level English, | year schools to discuss/begin the |
| | | | | MAT 095 with a grade of "C" or higher | transfer application process. |
| Web Page Development I | CIS 134 | F/S | 3 | or approp place score. Coreg: CIS 105 | паного арриоаном ресоссо |
| | | | | or CIS 111 | Complete PHY 101. |
| Introduction to Java | CIS 226 | F | 3 | CIS 121 or CSC 108 | |
| .NET Programming II | CIS 232 | F | 3 | CIS 223 | |
| Discrete Mathematics | MAT 125 | F/S | 3 | MAT 123 or approp place score | |
| Physics I | PHY 101 | F/SU Total | 4 16 | MAT 148 or Coreq: MAT 124 | |
| | | Semeste | | | 0 6 31/ 1 1 1 |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | Continue with/complete the transfer |
| Physics II | PHY 102 | S/SU | 4 | PHY 101 | application process. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Submit an Intent to Graduate Form. |
| Humanities Elective | | F/S/SU | 3 | I ladement into dellege level English | located on <i>The Q</i> . |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 16 | | |
| Total Credits R | equired | | 68 | | |

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|----------|-------------|---------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| | S | emester 1 | (Fall) | | Apply and get accepted to this program |
| Introduction to Medical Terminology | ALH 102 | F/S/SU | 3 | Placement into college level English | (Program Code: HCMO). Contact Career Services (www.QCC.edu/APexams) to receive |
| General Biology: Core Concepts | BIO 101 | F/S/SU | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place | credit for High School (HS) Advanced Placement (AP) Exams. QCC School Code: 3714. Complete BIO 101; or AP Biology, with AP |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Exam grade of "3" or higher, to count as BIO 107, then petition for BIO 107 to count as BIO 101. |
| Healthcare First Year Experience | FYE 102 | F/S/SU | 3 | | Complete ENG 101; or AP English/ Language and Composition, with AP Exam grade of "3" or higher, to count as ENG 101. |
| | | | | | Complete FYE 102. |
| Introduction to Psychology | PSY 101 | F/S/SU | 3 | Placement into college level English | Complete PSY 101; or AP Psychology, with AP Exam grade of "3" or higher, to |
| | | Total | 16 | | count as PSY 101. |
| | Se | mester 2 (S | Spring) | T 210 404 210 407 410 42 | Follow Academic Plan from FYE 102; |
| Anatomy & Physiology I OR | BIO 111 | F/S/SU | 4 | BIO 101 or BIO 107 or HS AP Biology or PNP 240 with a grade of "C" or higher, Coreq: ENG 101 | adjust with Academic Advisor, as needed. Meet with a Transfer Services Advisor. |
| Healthcare Elective | | | | | See <u>www.QCC.edu/transfer</u> . Attend Transfer Services events. |
| Medical/Dental Billing and Insurance | BSS 112 | F/S | 3 | ALH 102 | |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | Complete ENG 102; or AP English/ Literature and Composition, with AP Exam |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | grade of "3" or higher, to count as ENG |
| | | Total | 13 | | 102. |
| | S | emester 3 | (Fall) | | Follow Academic Plan from FYE 102; |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | adjust with Academic Advisor, as needed. Consider taking Humanities Elective to |
| Medical Law and Ethics | ALH 106 | F/S | 3 | Placement into college level English | complete MassTransfer block. |
| Principles of Human Biology OR | BIO 100 | F/S/SU | 4 | Placement into college level English | Meet with representatives of four-year |
| Anatomy & Physiology II | BIO 112 | | | BIO 111 | schools to discuss/begin the transfer application process; or create an account |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | on the QCC job board to search for |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | internships, co-ops and jobs. |
| Healthcare Elective or Humanities Elective | | F/S/SU | 3 | | Complete CPS 298. |
| | | Total | 16 | | |
| | Se | mester 4 (S | Spring) | | Follow Academic Plan from FYE 102; |
| Healthcare Externship | ALH 299 | F/S/SU | 3 | ACC 101 or MRK 201, ALH 106, BSS 112 or MRK 221, CPS 298 | adjust with Academic Advisor, as needed. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Consider taking Humanities, Mathematics, and Social Science Electives to complete MassTransfer block. |
| Healthcare Elective or Humanities Elective | | F/S/SU | 3 | | Continue with/complete the transfer application process; or if seeking |
| Healthcare Elective or Mathematics Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. |
| Healthcare Elective or Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| 7 | | Total | 15 | | |
| Total Credits R | equired | | 60 | | |

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|--------------------------------------------------------------------|----------|------------|---------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| | | emester 1 | (Fall) | | Apply and get accepted to this program |
| Introduction to Medical Terminology | ALH 102 | F/S/SU | 3 | Placement into college level English | (Program Code: HCMO). Contact Career Services (www.QCC.edu/APexams) to receive credit for High School (HS) Advanced |
| General Biology: Core Concepts | BIO 101 | F/S/SU | 4 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place | Placement (AP) Exams. QCC School Code: 3714. Complete BIO 101; or AP Biology, with AP |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Exam grade of "3" or higher, to count as BIO 107, then petition for BIO 107 to count as BIO 101. |
| Healthcare First Year Experience | FYE 102 | F/S/SU | 3 | | Complete ENG 101; or AP English/ Language and Composition, with AP Exam grade of "3" or higher, to count as ENG 101. |
| | | | | | Complete FYE 102. |
| Introduction to Psychology | PSY 101 | F/S/SU | 3 | Placement into college level English | Complete PSY 101; or AP Psychology, with AP Exam grade of "3" or higher, to |
| | | Total | 16 | | count as PSY 101. |
| | Se | mester 2 (| opring) | DIO 404 DIO 467 LIO 4D | Follow Academic Plan from FYE 102; |
| Anatomy & Physiology I OR | BIO 111 | F/S/SU | 4 | BIO 101 or BIO 107 or HS AP Biology or PNP 240 with a grade of "C" or higher, Coreq: ENG 101 | adjust with Academic Advisor, as needed. Meet with a Transfer Services Advisor. |
| Healthcare Elective | | | | | See www.QCC.edu/transfer. Attend |
| Medical/Dental Billing and Insurance Introduction to Microcomputer | BSS 112 | F/S | 3 | ALH 102 | Transfer Services events. Complete ENG 102; or AP English/ |
| Applications | CIS 111 | F/S/SU | 3 | | Literature and Composition, with AP Exam |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | grade of "3" or higher, to count as ENG |
| | | Total | 13 | | 102. |
| Financial Accounting I | ACC 101 | emester 3 | (Fall) | Placement into college level English | Follow Academic Plan from FYE 102; |
| Medical Law and Ethics | ALH 106 | F/S | 3 | Placement into college level English | adjust with Academic Advisor, as needed. |
| Principles of Human Biology OR | BIO 100 | F/S/SU | 4 | Placement into college level English | Consider taking Humanities Elective to complete MassTransfer block. |
| Anatomy & Physiology II Pre Cooperative Education | BIO 112 | | | BIO 111 | Meet with representatives of four-year |
| Seminar | CPS 298 | F/S | 0 | | schools to discuss/begin the transfer |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | application process; or create an account on the QCC job board to search for internships, co-ops and jobs. |
| Healthcare Elective or Humanities Elective | | F/S/SU | 3 | | internships, co-ops and jobs. |
| Humanities Elective | | Total | 16 | | Complete CPS 298. |
| | Se | mester 4 (| | | Follow Academic Plan from FYE 102; |
| Healthcare Externship | ALH 299 | F/S/SU | 3 | ACC 101 or MRK 201, ALH 106, BSS 112 or MRK 221, CPS 298 | adjust with Academic Advisor, as needed. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Consider taking Humanities, Mathematics, and Social Science Electives to complete MassTransfer block. |
| Healthcare Elective or Humanities Elective | | F/S/SU | 3 | | Continue with/complete the transfer application process; or if seeking |
| Healthcare Elective or Mathematics Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. |
| Healthcare Elective or Social Science Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| 7.10 | | Total | 15 | | .552.54 511 7770 4. |
| Total Credits R | required | | 60 | | |

| 1. | Course Number and Name: (fro Assistance, VITA Practicum | om current AY22/23 catalog): ACC | 225 Volunteer Income Tax |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| 2. | Originator: Jean McLean | | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Proc | cess (if applicable) | Date: |
| 6. | Recommended by the School of 5/18/2023 Comments: Unanimously approximately 100 per comments and 100 per comments approximately 100 per comments approximate | Business, Engineering & Technolo | gyDate:_ |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: Comments: | Not Approved: | |

| Type of Revision: | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumberName# | | | | | | | |
| Credits | | | | | | | |
| Elective TypeOther (explain) | | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | | |
| Current Course Number: ACC 225 | | | | | | | |
| Current Course Name: Volunteer Income Tax Assistance, VITA Practicum | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | | | | |
| | | | | | | | |
| ACC 225 Volunteer Income Tax Assistance, VITA Practicum | | | | | | | |
| This course introduces students to concepts and language of IRS and taxation while preparing federal and state taxes within their community for low-income individuals. | | | | | | | |
| Credits: 4 | | | | | | | |
| Prerequisite: CIS 111, Placement into college level English, MAT 090 with a grade of "C" or higher | | | | | | | |
| or appropriate placement score | | | | | | | |
| Semester Offered: S | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | |
| ACC 225 Volunteer Income Tax Assistance, VITA Practicum | | | | | | | |
| This course introduces students to concepts and language of IRS and taxation while preparing federal | | | | | | | |
| and state taxes within their community for low-income individuals. | | | | | | | |
| Credits: 4 | | | | | | | |
| Prerequisite: CIS 111, Placement into college level English | | | | | | | |
| Semester Offered: S | | | | | | | |
| Rationale for the change: | | | | | | | |
| MAT 090 is no longer being offered. | | | | | | | |
| | | | | | | | |
| Provide a description of any change in course content. | | | | | | | |
| No change. | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | | |
| appear in the college catalog) | | | | | | | |
| appear in the conege catalog) | | | | | | | |
| None - Business Elective. | | | | | | | |
| None - Dusiness Elective. | | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | | |
| - | | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can obtain academic maps from Barb Zabka. | | | | | | | |
| Tou can obtain academic maps from Daro Zaoka. | | | | | | | |
| N/A | | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | | | | |

| 1. | Course Number and Name: (from current AY22/23 catalog): FIN | 111 Personal Financial Planning |
|-----|-----------------------------------------------------------------------------------------------------------------|---------------------------------|
| 2. | Originator: Jean McLean | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | |
| 5. | Reviewed by Program and Process (if applicable) | Date: |
| 6. | Recommended by the <u>School of Business</u> , <u>Engineering & Technol</u> Comments: Unanimously approved. | ogy Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 8. | VP/Academic Affairs: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 9. | Learning Council: | Date: |
| | Recommended: Not Recommended: Comments: | |
| 10. | VP/Academic Affairs: | Date: |
| | Approved: Not Approved: Comments: | |

| Type of Revision: | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber# | | | | | | |
| Credits | | | | | | |
| Elective TypeOther (explain) | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | |
| Current Course Number: FIN 111 | | | | | | |
| Current Course Name: Personal Financial Planning | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | | | |
| | | | | | | |
| FIN 111 Personal Financial Planning | | | | | | |
| This course examines the tools, terminology, and applications necessary to successfully manage financial | | | | | | |
| matters in our daily lives. Topics include the personal financial planning process, career strategies, money management, personal taxation, financial institution services, and consumer credit. Evaluation | | | | | | |
| techniques related to housing, transportation, insurance, investments, real estate, and retirement | | | | | | |
| planning are also covered. | | | | | | |
| Credits: 3 | | | | | | |
| Prerequisite: MAT 090 with a grade of "C" or higher or appropriate placement score Semester Offered: F/S | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | |
| Troposed Description (metade an proposed enanges). | | | | | | |
| FIN 111 Personal Financial Planning | | | | | | |
| This course examines the tools, terminology, and applications necessary to successfully manage financial | | | | | | |
| matters in our daily lives. Topics include the personal financial planning process, career strategies, | | | | | | |
| money management, personal taxation, financial institution services, and consumer credit. Evaluation | | | | | | |
| techniques related to housing, transportation, insurance, investments, real estate, and retirement | | | | | | |
| planning are also covered. Credits: 3 | | | | | | |
| Prerequisite: Placement into college level English | | | | | | |
| Semester Offered: F/S | | | | | | |
| Rationale for the change: | | | | | | |
| | | | | | | |
| MAT 090 is no longer being offered. Adding Placement into college level English to | | | | | | |
| improve outcomes. | | | | | | |
| Provide a description of any change in course content. | | | | | | |
| | | | | | | |
| Some math skills may need to be added to the course. Course description will not change. | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | |
| appear in the college catalog) | | | | | | |
| | | | | | | |
| . 1 | | | | | | |
| Entrepreneurship and Small Business Management Certificate (Program Code: ENS) | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | |
| • | | | | | | |
| | | | | | | |
| FIN 111 is currently a required course in ENS. • Entrepreneurship and Small Business Management Certificate (Program Code: ENS) Please confer with the coordinator of the affected department. Attach current and proposed academic maps (with changes in bold) for all affected programs. You can obtain academic maps from Barb Zabka. | | | | | | |

Attached.

Please submit a generic syllabus to your dean with all of the revisions included.

Business. Financial & Hospitality Management
Entrepreneurship and Small Business Management Certificate (Program Code: ENS) **CURRENT**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|--------------------------------|---------|---------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: ENS). Register for and successfully |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | complete all courses to graduate in two semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | |
| Personal Financial Planning | FIN 111 | F/S | 3 | MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program |
| Entrepreneurship and Small Business Management | MGT 216 | F/S | 3 | Placement into college level English | Code: BB); or create an account on the QCC job board to search for |
| | | Total | 15 | | internships, co-ops and jobs. |
| Semester 2 | | | er 2 | | Apply to associate degree (Program |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | Code: BB); or if seeking employment, meet with Career |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | Services for career readiness preparation and to learn more about QCC's job board. |
| Principles of Marketing | MRK 201 | F/S/SU | 3 | Placement into college level English | |
| Humanities Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 12 | | located on The Q. |
| Total Credits Required | | | 27 | | |

Business. Financial & Hospitality Management

Entrepreneurship and Small Business Management Certificate (Program Code: ENS) **PROPOSED**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|--------------------------------|---------|---------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: ENS). Register for and successfully |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | | complete all courses to graduate in two semesters. |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | Meet with Academic Advisor to |
| Personal Financial Planning | FIN 111 | F/S | 3 | Placement into college level English | discuss associate degree (Program Code: BB); or create an account on |
| Entrepreneurship and Small Business Management | MGT 216 | F/S | 3 | Placement into college level English | the QCC job board to search for internships, co-ops and jobs. |
| | | Total | 15 | | |
| Semeste | | | er 2 | | Apply to associate degree (Program |
| Computerized Accounting | ACC 231 | F/S | 3 | ACC 101, CIS 111 | Code: BB); or if seeking employment, meet with Career |
| Principles of Microeconomics | ECO 216 | F/S/SU | 3 | Coreq: ENG 101 | Services for career readiness preparation and to learn more about QCC's job board. |
| Principles of Marketing | MRK 201 | F/S/SU | 3 | Placement into college level English | |
| Humanities Elective | | F/S/SU | 3 | | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| | | Total | 12 | | located on The Q. |
| Total Credits Required | | | 27 | | |

| 1. | Course Number and Name: F (from current AY22/23 catalo | IN 221 The Stock Market and Inves g) | tments |
|-----|-------------------------------------------------------------------------|-----------------------------------------|-----------------|
| 2. | Originator: Jean McLean | | Date: 4/21/2023 |
| 3. | School Dean: Betty Lauer | | Date: 4/21/2023 |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Pr | ocess (if applicable) | Date: |
| 6. | Recommended by the <u>School of 5/18/2023</u> Comments: Unanimously app | of Business, Engineering & Technolo | ogy Date: |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: | Not Approved: | |

| Description _X_ PrerequisiteCorequisiteNumberName# | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| | | | | | | |
| Credits | | | | | | |
| Elective TypeOther (explain) | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | |
| Current Course Number: FIN 221 | | | | | | |
| Current Course Name: The Stock Market and Investments | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | |
| FIN 221 The Stock Market and Investments This course provides an introduction to financial investments and the stock markets. Students study the purposes and history of the stock markets and the primary investments they control including stocks, bonds, and mutual funds. Credits: 3 Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or appropriate placement score Semester Offered: S | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | |
| Troposou 2 compress (menus um proposou changes). | | | | | | |
| FIN 221 The Stock Market and Investments | | | | | | |
| This course provides an introduction to financial investments and the stock markets. Students study the purposes and history of the stock markets and the primary investments they control including stocks, | | | | | | |
| bonds, and mutual funds. | | | | | | |
| Credits: 3 | | | | | | |
| Prerequisite: Placement into college level English | | | | | | |
| Semester Offered: S Rationale for the change: | | | | | | |
| Rationale for the change: | | | | | | |
| MAT 090 is no longer being offered. | | | | | | |
| Provide a description of any change in course content. | | | | | | |
| i J S | | | | | | |
| No change. | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | |
| appear in the college catalog): | | | | | | |
| | | | | | | |
| None - Business Elective. | | | | | | |
| | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. | | | | | | |
| You can obtain academic maps from Barb Zabka. | | | | | | |
| N/A | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | | | |

| 1. | Course Number and Name: F (from current AY22/23 catalo | | |
|-----|--------------------------------------------------------------------------------|-------------------------------------------|-----------------|
| 2. | Originator: Jean McLean | | Date: 4/21/2023 |
| 3. | School Dean: Betty Lauer | Date: 4/21/2023 | |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Pr | ocess (if applicable) | Date: |
| 6. | Recommended by the <u>School</u> <u>5/18/2023</u> Comments: Unanimously app | of Business, Engineering & Technoloroved. | ogy Date: |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: | Not Approved: | |

| Type of Revision: | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber Name# | | | | | | | |
| Credits | | | | | | | |
| Elective TypeOther (explain) | | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | | |
| Current Course Number: FIN 250 | | | | | | | |
| Current Course Name: Principles of Finance | | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites): | | | | | | | |
| | | | | | | | |
| FIN 250 Principles of Finance | | | | | | | |
| This course covers the principles and practices of financial management that are used in business. Topics examined include acquisition of funds, cash flow, financial analysis, capital budgeting, working | | | | | | | |
| capital requirements, and capital structure. | | | | | | | |
| Credits: 3 | | | | | | | |
| Prerequisite: ACC 101, Placement into college level English, MAT 099 with a grade of "C" or | | | | | | | |
| higher or appropriate placement score Semester Offered: F/S | | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | | |
| Proposed Description (include an proposed changes): | | | | | | | |
| FIN 250 Principles of Finance | | | | | | | |
| This course covers the principles and practices of financial management that are used in business. | | | | | | | |
| Topics examined include acquisition of funds, cash flow, financial analysis, capital budgeting, working | | | | | | | |
| capital requirements, and capital structure. | | | | | | | |
| Credits: 3 | | | | | | | |
| Prerequisite: ACC 101, Placement into college level English, MAT 095 with a grade of "C" or | | | | | | | |
| higher or appropriate placement score Semester Offered: F/S | | | | | | | |
| Rationale for the change: | | | | | | | |
| | | | | | | | |
| MAT 099 is no longer being offered. | | | | | | | |
| Provide a description of any change in course content. | | | | | | | |
| | | | | | | | |
| No change. | | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | | |
| appear in the college catalog): | | | | | | | |
| | | | | | | | |
| None - Business Elective. | | | | | | | |
| | | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. | | | | | | | |
| You can obtain academic maps from Barb Zabka. | | | | | | | |
| | | | | | | | |
| N/A | | | | | | | |
| Please submit a generic syllabus to your dean with all of the revisions included. | | | | | | | |

| 1. | Course Number and Name: (fill Logistics | rom current AY22/23 catalog): LO | G 105 Introduction to Business |
|-----|--------------------------------------------------------|-------------------------------------------|--------------------------------|
| 2. | Originator: Jean McLean | | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Pro | ocess (if applicable) | Date: |
| 6. | Recommended by the School of Comments: Unanimously app | of Business, Engineering & Technoloroved. | ogy Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: Comments: | Not Approved: | |

| Type of Revision: | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber# | | | | | | |
| Credits | | | | | | |
| Elective TypeOther (explain) | | | | | | |
| Course Discipline or Department: Business School: BET | | | | | | |
| Current Course Number: LOG 105 | | | | | | |
| Current Course Name: Introduction to Business Logistics | | | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | | | |
| LOC 105 Introduction to Business Locistics | | | | | | |
| LOG 105 Introduction to Business Logistics This course provides students with an understanding of the key functional areas of logistics, including | | | | | | |
| transportation, distribution, warehousing and inventory management. The course explores how these | | | | | | |
| functions interact, their importance to the overall organization, and the major cost components within | | | | | | |
| each area. The course introduces many potential career opportunities available in this field. Credits: 3 | | | | | | |
| Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or | | | | | | |
| appropriate placement score | | | | | | |
| Semester Offered: F | | | | | | |
| Proposed Description (include all proposed changes): | | | | | | |
| LOC 105 Introduction to Business Logistics | | | | | | |
| LOG 105 Introduction to Business Logistics This course provides students with an understanding of the key functional areas of logistics, including | | | | | | |
| transportation, distribution, warehousing and inventory management. The course explores how these | | | | | | |
| functions interact, their importance to the overall organization, and the major cost components within | | | | | | |
| each area. The course introduces many potential career opportunities available in this field. | | | | | | |
| Credits: 3 Prerequisite: Placement into college level English | | | | | | |
| Semester Offered: F | | | | | | |
| Rationale for the change: | | | | | | |
| | | | | | | |
| MAT 090 is no longer being offered. | | | | | | |
| Provide a description of any change in course content. | | | | | | |
| | | | | | | |
| None. | | | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | | | |
| appear in the college catalog) | | | | | | |
| | | | | | | |
| LOG 105 is currently a required course in LOGC. | | | | | | |
| Logistics/Supply Chain Management Certificate (Program Code: LOGC) | | | | | | |
| Please confer with the coordinator of the affected department. | | | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. | | | | | | |
| You can obtain academic maps from Barb Zabka. | | | | | | |
| 1 ou can obtain acadenne maps nom Dato Zaoka. | | | | | | |
| Attached. | | | | | | |

Please submit a generic syllabus to your dean with all of the revisions included.

Business. Financial & Hospitality Management Logistics/Supply Chain Management Certificate (Program Code: LOGC)

CURRENT

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|-----------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 333.33 | 300.00 11 | Semeste | | | Apply and get accepted to this |
| Financial Accounting I OR | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: LOGC). Register for and successfully complete all courses to graduate in |
| Principles of Macroeconomics | ECO 215 | 176766 | Ü | Coreq: ENG 101 | If choosing BUS 299 for one of the Program Electives (Semester 2), meet with Career Services to |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | discuss the co-op process and leads for co-op placements. |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | If choosing BUS 299 for one of the Program Electives (Semester 2), contact Career Services to complete all requirements of CPS |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. |
| Introduction to Business Logistics | LOG 105 | E. | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | Meet with Academic Advisor to discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | internships, co-ops and jobs. Complete prerequisite(s) for MAT |
| | | Total | 15 | | 122. |
| | | Semeste | er 2 | | For the Program Electives, choose: |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | BUS 299, LOG 106, LOG 107, LOG 208, or MNT 100 (see individual course descriptions for semester offerings and prerequisites). |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | Apply to associate degree (Program Code: BB); or if seeking |
| Program Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about |
| Program Elective | | F/S/SU | 3 | | QCC's job board. Submit an Intent to Graduate Form, |
| - | <u> </u> | Total | 12 | | located on The Q. |
| Total Credits R | equired | | 27 | | |

Business. Financial & Hospitality Management Logistics/Supply Chain Management Certificate (Program Code: LOGC)

PROPOSED

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------------|----------|---------|---------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Semester 1 | | | | Apply and get accepted to this | |
| Financial Accounting I OR | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: LOGC). Register for and successfully complete all courses to graduate in |
| Principles of Macroeconomics | ECO 215 | 170/00 | 3 | Coreq: ENG 101 | two semesters. If choosing BUS 299 for one of the Program Electives (Semester 2), meet with Career Services to |
| Introduction to Microcomputer Applications OR | CIS 111 | | | | discuss the co-op process and leads for co-op placements. |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | If choosing BUS 299 for one of the Program Electives (Semester 2), contact Career Services to complete all requirements of CPS |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | 298 (required prior to registration for BUS 299). See www.QCC.edu/career-services. |
| Introduction to Business Logistics | LOG 105 | F | 3 | Placement into college level English | Meet with Academic Advisor to discuss associate degree (Program Code: BB); or create an account on the QCC job board to search for |
| Principles of Management | MGT 211 | F/S/SU | 3 | Placement into college level English | internships, co-ops and jobs. Complete prerequisite(s) for MAT |
| | | Total | 15 | | 122. |
| | ľ | Semest | er 2 | | For the Program Electives, choose: |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | BUS 299, LOG 106, LOG 107, LOG 208, or MNT 100 (see individual course descriptions for semester offerings and prerequisites). |
| Statistics | MAT 122 | F/S/SU | 3 | College level math course or QMAT place score > 21 or Coreq: MAT 052 | Apply to associate degree (Program Code: BB); or if seeking |
| Program Elective | | F/S/SU | 3 | | employment, meet with Career Services for career readiness preparation and to learn more about |
| Program Elective | | F/S/SU | 3 | | QCC's job board. Submit an Intent to Graduate Form, |
| | | Total | 12 | | located on <i>The Q</i> . |
| Total Credits R | equired | | 27 | | |

| l. | Course Number and Name: (from current AY22/23 catalog): LC | OG 106 Transportation Managemen |
|-----|--------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 2. | Originator: Jean McLean | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | |
| 5. | Reviewed by Program and Process (if applicable) | Date: |
| 6. | Recommended by the <u>School of Business</u> . <u>Engineering & Technology</u> Comments: Unanimously approved. | ology Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | Date: |
| | Recommended: Not Recommended: Comments: | _ |
| 8. | VP/Academic Affairs: | Date: |
| | Recommended: Not Recommended: Comments: | _ |
| 9. | Learning Council: | Date: |
| | Recommended: Not Recommended: Comments: | _ |
| 10. | VP/Academic Affairs: | Date: |
| | Approved: Not Approved: Comments: | |

| Type of Revision: | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumber Name# | | | | |
| Credits | | | | |
| Elective TypeOther (explain) | | | | |
| Course Discipline or Department: Business School: BET | | | | |
| Current Course Number: LOG 106 | | | | |
| Current Course Name: Transportation Management | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | |
| LOC 400 Transportation Management | | | | |
| LOG 106 Transportation Management This course provides students with an understanding of the field of transportation management, which is | | | | |
| responsible for the movement of raw materials and finished products throughout the supply chain. The | | | | |
| course explores the various modes of freight transportation, the economic fundamentals underlying each, | | | | |
| and how each mode might fit into a company's overall logistics strategy. During the course, students are | | | | |
| introduced to the many potential career opportunities available in transportation management. Credits: 3 | | | | |
| Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or | | | | |
| appropriate placement score Semester Offered: S | | | | |
| Proposed Description (include all proposed changes): | | | | |
| Proposed Description (include an proposed changes): | | | | |
| LOG 106 Transportation Management | | | | |
| This course provides students with an understanding of the field of transportation management, which is | | | | |
| responsible for the movement of raw materials and finished products throughout the supply chain. The | | | | |
| course explores the various modes of freight transportation, the economic fundamentals underlying each, | | | | |
| and how each mode might fit into a company's overall logistics strategy. During the course, students are introduced to the many potential career opportunities available in transportation management. | | | | |
| Credits: 3 | | | | |
| Prerequisite: Placement into college level English | | | | |
| Semester Offered: S Rationale for the change: | | | | |
| Rationale for the change. | | | | |
| MAT 090 is no longer being offered. | | | | |
| Provide a description of any change in course content. | | | | |
| and the second s | | | | |
| None. | | | | |
| List the programs that are affected by this change (list program names and program codes as they | | | | |
| appear in the college catalog) | | | | |
| | | | | |
| None - Business Elective | | | | |
| | | | | |
| Please confer with the coordinator of the affected department. | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. | | | | |
| You can obtain academic maps from Barb Zabka. | | | | |
| N/A | | | | |

Please submit a generic syllabus to your dean with all of the revisions included.

| 1. | Course Number and Name: (fi Management | rom current AY22/23 catalog): LOC | G 107 Warehouse and Inventory |
|-----|---------------------------------------------------------|--------------------------------------------|-------------------------------|
| 2. | Originator: Jean McLean | | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Pro | ocess (if applicable) | Date: |
| 6. | Recommended by the School of Comments: Unanimously appr | of Business, Engineering & Technologroved. | ogy Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | | Date: |
| | Approved: Comments: | Not Approved: | |

| Type of Revision: | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Description _X_ PrerequisiteCorequisiteNumber# | | |
| Credits | | |
| Elective TypeOther (explain) | | |
| Course Discipline or Department: Business School: BET | | |
| Current Course Number: LOG 107 | | |
| Current Course Name: Warehouse and Inventory Management | | |
| Current Course Description (as it appears in the college catalog including course three letter | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | |
| LOG 107 Warehouse and Inventory Management | | |
| LOG 107 Warehouse and Inventory Management This course provides students with a practical understanding of warehousing and inventory management, | | |
| including the important role that these functions perform within the supply chain. The course explores | | |
| topics including warehouse design, storage and material handling processes, performance management | | |
| and inventory control techniques. The course also examines the interaction between | | |
| warehousing/inventory management and other facets of the supply chain, including transportation and customer service. | | |
| Credits: 3 | | |
| Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or | | |
| appropriate placement score Semester Offered: S | | |
| Proposed Description (include all proposed changes): | | |
| | | |
| LOG 107 Warehouse and Inventory Management | | |
| This course provides students with a practical understanding of warehousing and inventory management, | | |
| including the important role that these functions perform within the supply chain. The course explores topics including warehouse design, storage and material handling processes, performance management | | |
| and inventory control techniques. The course also examines the interaction between | | |
| warehousing/inventory management and other facets of the supply chain, including transportation and | | |
| customer service. | | |
| Credits: 3 Prerequisite: Placement into college level English | | |
| Semester Offered: S | | |
| Rationale for the change: | | |
| | | |
| MAT 090 is no longer being offered. | | |
| Provide a description of any change in course content. | | |
| None. | | |
| List the programs that are affected by this change (list program names and program codes as they | | |
| appear in the college catalog) | | |
| | | |
| None - Business Elective | | |
| Please confer with the coordinator of the affected department. | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. | | |
| You can obtain academic maps from Barb Zabka. | | |

N/A

Please submit a generic syllabus to your dean with all of the revisions included.

| 1. | 1. Course Number and Name: (from current AY22/23 catalog): LOG 208 Purchasing and Suppl Management | | |
|-----|----------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------|
| 2. | Originator: Jean McLean | | Date: 4/18/23 |
| 3. | School Dean: Betty Lauer | | Date: 4/18/23 |
| 4. | Effective Date: Fall 2023 | | |
| 5. | Reviewed by Program and Pr | ocess (if applicable) | Date: |
| 6. | Recommended by the <u>School</u> Comments: Unanimously app | of Business, Engineering & Technoloroved. | ogy Date: <u>5/18/2023</u> |
| 7. | AA Leadership Team: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 8. | VP/Academic Affairs: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 9. | Learning Council: | | Date: |
| | Recommended:Comments: | Not Recommended: | |
| 10. | VP/Academic Affairs: | _ | Date: |
| | Approved: | Not Approved: | |

| Type of Revision: | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Description _X_ PrerequisiteCorequisiteNumberName# | | | | |
| Credits | | | | |
| Elective TypeOther (explain) | | | | |
| Course Discipline or Department: Business School: BET | | | | |
| Current Course Number: LOG 208 | | | | |
| Current Course Name: Purchasing and Supply Management | | | | |
| Current Course Description (as it appears in the college catalog including course three letter | | | | |
| designation and number, title, credits, semesters offered and prerequisites/corequisites. | | | | |
| LOG 208 Purchasing and Supply Management This course provides students with an understanding of purchasing and supply management, which is an essential part of most supply chains. The course explores the sourcing and bidding process, the legal and contractual aspects of procurement, and how the purchasing function is an integral part of an organization. During the course, students are introduced to the many potential career opportunities available in purchasing and supply management. Credits: 3 Prerequisite: Placement into college level English, MAT 090 with a grade of "C" or higher or | | | | |
| appropriate placement score Semester Offered: S | | | | |
| Proposed Description (include all proposed changes): | | | | |
| LOG 208 Purchasing and Supply Management This course provides students with an understanding of purchasing and supply management, which is an essential part of most supply chains. The course explores the sourcing and bidding process, the legal and contractual aspects of procurement, and how the purchasing function is an integral part of an organization. During the course, students are introduced to the many potential career opportunities available in purchasing and supply management. Credits: 3 Prerequisite: Placement into college level English Semester Offered: S | | | | |
| Rationale for the change: | | | | |
| MAT 000 is no langer being offered | | | | |
| MAT 090 is no longer being offered. | | | | |
| Provide a description of any change in course content. | | | | |
| None. | | | | |
| List the programs that are affected by this change (list program names and program codes as they appear in the college catalog) | | | | |
| None - Business Elective | | | | |
| Please confer with the coordinator of the affected department. | | | | |
| Attach current and proposed academic maps (with changes in bold) for all affected programs. You can obtain academic maps from Barb Zabka. | | | | |
| N/A | | | | |

Please submit a generic syllabus to your dean with all of the revisions included.

DEGREE OR CERTIFICATE REVISION PROPOSAL

| 1. | Degree or Certificate Name and Code (current): Interactive Media Digital Design (IMDD) | | | |
|-----|-------------------------------------------------------------------------------------------------------------------|----------------------------|--|--|
| 2. | Originator: Nathaniel Mello/Mary Valentine/Carolyn McGrath | Date: 04/20/23 | | |
| 3. | School Dean: Betty Lauer | Date: | | |
| 4. | Effective Date: Fall 2024 | | | |
| 5. | Reviewed by Program and Process (if applicable) | Date: | | |
| 6. | Recommended by the <u>School of Business</u> , <u>Engineering & Technolog</u> Comments: Unanimously approved. | ogy Date: <u>5/18/2023</u> | | |
| 7. | AA Leadership Team: | Date: | | |
| | Recommended: Not Recommended: Comments: | | | |
| 8. | VP/Academic Affairs: | Date: | | |
| | Recommended: Not Recommended: Comments: | | | |
| 9. | Learning Council: | Date: | | |
| | Recommended: Not Recommended: Comments: | | | |
| 10. | VP/Academic Affairs: | Date: | | |
| | Approved: Not Approved: | | | |
| | Comments: | | | |

DEGREE OR CERTIFICATE REVISION PROPOSAL

Degree or Certificate name and code: Interactive Media Digital Design (IMDD)

Provide a detailed list of the proposed changes to the degree or certificate.

- 1. In Semester 2, remove IMD 171, and replace with IMD 105.
- 2. In Semester 4, remove IMD 287 (4 credits), and replace with IMD Strategic Elective (3 credits).
- 3. In Semester 4, update Semester Milestones, accordingly, with list of specific Elective options for IMD Strategic Elective.
- 4. Update Total Semester Credits in Semester 4, and update Total Credits Required, accordingly.

Attachments:

Current academic map

Proposed academic map with changes in **bold**

Submit separate proposals for any new courses or revised courses in the degree or certificate.

Please list here the new courses or revised courses for which separate proposals will be submitted.

N/A

Provide a rationale for the proposed changes.

IMD 171 is a course that is not relevant to IMD Digital Design Option. The course was introduced before IMD program had a game design major several years ago. Currently there is a 3D modeling class in IMGD (gaming design option) major IMG 272 3D modeling for Game Design. Students in IMDD are not pursuing game design and 3D digital design is addressed as a learning module in GD2 IMD 122. Students need the UI/UX course because it is an essential skill set for this major. UI/UX designers are great demand. UI/UX is covered in a module in the capstone class but a more in-depth course is needed in second semester. IMD 105 is currently an online course for non-majors, and not a part of the required IMD curriculum at this time, but should be added in IMD curriculum.

The IMDD curriculum currently has two 4 credit capstone classes: IMD 286 Interactive Media Processes portfolio and IMD 287 Graphic Design Processes portfolio. Only one portfolio class is needed. A majority of GDPP content focuses on modules UI/UX and portfolio development. IMD 286 will address content on prepress and portfolio in the beginning module. It is proposed that students take IMD 105 UI/UX Design Fundaments in 2nd semester and will be familiar with UI/UX. The new program revision will be 1- 4 credit portfolio capstone class IMD 286.

IMDD students explore options for transfer to 4 year schools with varied careers choices in strategic design in Interactive media, ranging from motion media, animation, UI/UX, to social media, photography, illustration, and sound and video editing. Many express interest in starting a business. It is suggested that students take 1 guided (strategic) 3-credit elective available in several programs:

Proposed Elective Options:

CIS 121: Introduction to Programming with C++

CSC 101: Introduction to Programming Using Python

CIS 134: Web Page Development I

MRK 241: Social Media Marketing

MRK 201: Principles of Marketing

HUM 232: Survey of Hollywood Film: 1920 to Present

COM 100: Introduction to Mass Communication

MGT 216: Entrepreneurship and Small Business Management

IMG 100: Drawing the Human Form

| IMG 272: 3D Modeling for Game Design | | |
|--------------------------------------------------------------------------------------------------------|--|--|
| | | |
| | | |
| Do any of the proposed changes affect the program goals and/or the program student learning outcomes? | | |
| Please indicate any revisions to the program goals and/or program student learning outcomes. | | |
| | | |
| No. | | |
| Do any of the proposed changes affect another department? Examples include the deletion or addition of | | |
| program courses that are offered by other departments. Please confer with the coordinators of affected | | |
| | | |
| departments. | | |
| | | |
| Department(s) Affected: CIS, Marketing, ART, Management, Communication - Students would take 1 | | |
| added elective. | | |
| Do any of the proposed changes affect articulation agreements? Consult with the Transfer Coordinator. | | |
| | | |
| No. | | |
| For an associate degree program, are there any changes in the number of general education credits that | | |
| | | |
| could affect MassTransfer? If yes please provide a rationale. | | |
| NI . | | |
| No. | | |
| Will any of the following be required: No. | | |
| | | |
| Additional staffAdditional spaceAdditional equipmentAdditional library resources | | |
| <u></u> | | |
| Provide a rationale for any needs indicated and include approximate cost of equipment. | | |

Please complete the following tables for your program or indicate the date of the **Academic Matters** (within the last three years) where they have previously been published.

List the PROGRAM STUDENT LEARNING OUTCOMES in the table below. Indicate the course or courses that will fulfill each outcome and indicate the degree or level of connection between the course and outcome as indicated here.

- I Introductory/Background: There is an indirect relationship between the course and the outcome. The outcome itself is not the focus of the course but at least one element of the course serves as a building block to the achievement of the final outcome. For example, course elements may provide the knowledge, skills or attitudes necessary for the ultimate achievement of the outcome.
- M Intermediate/Transitional: There is more of a direct relationship between the course and the outcome than Introductory. A mixture of course elements supports the final achievement of the outcome, but the final integration of knowledge, skills and attitudes necessary for its achievement is not accomplished in this course. For example, knowledge, skills and/or attitudes (at least 2 of the 3) required for achievement of the outcome may be the focus of the course or course element, but the integration of all three is not.
- **E** Emphasized: There is a direct relationship between the course and the outcome. At least one element of the course focuses specifically on the complex integration of knowledge, skills and attitudes necessary to perform the outcome.

| PROC | GRAM STUDENT LEARNING OUTCOMES FOR Interactive Media | Supporting | I, M, E |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|
| Digita | al Design (IMDD) | course(s) | |
| 1 | Achieve computer interface design competencies to communicate original artistic expression for promotion and sales of products for newspapers, magazines, web publications, multimedia and video content providers, ad agencies, and manufacturers. | IMD 105, IMD 286 | E |
| 2 | Achieve computer interface design competencies to communicate original artistic expression in electronic and digital design technologies for career opportunities in the industry. | IMD 105, IMD 286 | E |
| 3 | Achieve computer interface design competencies to communicate original artistic expression in electronic and digital design technologies for career opportunities in the print and prepress industry. | IMD 105, IMD 286 | I, E |
| 4 | Achieve computer interface design competencies to communicate original artistic expression in electronic and digital design technologies for career opportunities in Internet publishing industries as content providers using multimedia, video, and animation. | IMD 105, IMD 286 | E |
| 5 | Produce a print, PDF, web/e-publishing presence, and interactive social media portfolio of student work for presentation to future employers or for transfer to institutions of higher learning. | IMD 105, IMD 286 | M, E |
| 6 | Transfer to bachelor's degree programs at colleges and universities with related fields of study. | IMD 105, IMD 286 | Е |
| 7 | Provide a progressive framework of courses to meet general education core curriculum goals for measurable proficiencies in: Information Literacy, Quantitative Reasoning, Scientific Reasoning, Technical Literacy, Aesthetics, Multiple Perspectives, Ethics, Impact of Technology, and Civic Literacy. | IMD 105, IMD 286 | Е |
| 8 | | | |

For a DEGREE PROGRAM, indicate the courses that fulfill the General Education Student Learning Outcomes.

| GENERAL EDUCATION STUDENT LEARNING OUTCOMES FOR | Supporting | I, M, E |
|-----------------------------------------------------------------------------------|--------------|---------|
| Interactive Media Digital Design (IMDD) | course(s) | |
| Civic Learning & Engagement: Students will develop civic knowledge, skills | IMD 105, IMD | M |
| and dispositions through learning and practice. | 286 | |
| Communication Skills: Students will read, write and speak effectively to build | IMD 105, IMD | E |
| knowledge and convey meaning. | 286 | |
| Information and Digital Literacy: Students will engage in a reflective process of | IMD 105, IMD | E |
| information discovery, use information responsibly and employ digital | 286 | |
| technologies to learn, communicate and collaborate. | | |
| Intercultural Knowledge and Competence: Students will demonstrate | IMD 105, IMD | M |
| intercultural knowledge within a variety of cultural contexts and with culturally | 286 | |
| different ideas and individuals | | |
| Quantitative and Scientific Reasoning: Students will apply concepts and | IMD 105, IMD | I |
| methods of mathematics and science to acquire knowledge and solve problems. | 286 | |

<u>Computer & Information Technology</u> Interactive Media - Digital Design Option - Associate in Science (Program Code: IMDD) **CURRENT**

| Course ## If Offered Credits Prerequisites Semester Fall | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------|-------------|-----------------|--------------------------------------|---------------------------------------|
| Composition ENG 101 F/S/SU 3 Placement into college level English Complete all courses to graduate in four semesters. Placement into college level English Complete all courses to graduate in four semesters. Complete all courses to graduate in four semesters. Complete sign IMD 114 F/SU 3 Placement into college level English Digital Imaging and Media IMD 154 F/SU 3 Placement into college level English Complete English Placement into college level English Complete English Complete English | Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
| Digital Design Concepts IMD 114 F/SU 3 Placement into college level English Graphic Design IMD 124 F 3 Placement into college level English Digital Imaging and Media IMD 154 F/SU 3 Placement into college level English Total | | | | 1 - 1 | | |
| Graphic Design I Digital Imaging and Media IMD 154 FSU 3 Placement into college level English Digital Imaging and Media IMD 154 FSU 3 Placement into college level English Total 15 Semester 2 (Spring) Composition II ENG 102 F/S/SU 3 ENG 101 SIMD 155 SSU 3 IMD 114 101, ART 111, ART 112, ART 121, Or ART 211, Or ART 211 | • | | | - | | |
| Digital Imaging and Media IMD 154 F/SU 3 Placement into college level English IMD 161 F 3 Placement into college level English IMD 161 F 3 Placement into college level English Total 15 Placement into colleg | | | | - | | four semesters. |
| Digital Photography IMD 161 F 3 Placement into college level English Total 15 Semester 2 (Spring) Composition II ENG 102 F/S/SU 3 ENG 101 (Semesters 2 and 3), choose: ART Digital Design Concepts II IMD 115 S/SU 3 IMD 114 101, ART 111, ART 112, ART 121, Graphic Design II IMD 122 S 3 IMD 121 or ART 211. Graphic Design II IMD 155 S/SU 3 IMD 154 If considering transfer, meet with a Transfer Services Advisor. See www.QCC. edu/transfer. Fundamentals of 3D Digital Design IMD 171 Semester 3 (Fall) Fundamentals of 3D Digital Design IMD 171 Semester 3 (Fall) Fundamentals of 3D Digital Design IMD 271 Implication Design IMD 222 F 3 IMD 115, IMD 122 Implication Design IMD 222 F 3 IMD 115, IMD 122 Implication Design IMD 222 F 3 IMD 115, IMD 122 Implication Design IMD 271 F 3 IMD 115, IMD 121 Implication Design IMD 271 F 3 IMD 115, IMD 121 Implication Design IMD 271 F 3 IMD 115, IMD 121 Implication Design IMD 275 F 3 IMD 115, IMD 125 Implication Design IMD 275 F 3 IMD 115, IMD 125 Implication process; or create an account on the QCC job board to search for intermships, co-ops and jobs. Motion Graphics IMD 275 F 3 IMD 154, IMD 155 Imd 125 Implication process or create an account on the QCC job board to search for intermships, co-ops and jobs. Total 15 Implication Design ImD 275 Implication process or create an account on the QCC job board to search for intermships, co-ops and jobs. Implication Processes Implication process or create an account on the QCC job board to search for intermships, co-ops and jobs. Implication Processes Implication process or fiseking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective or F/S/SU 3 Submit an Intent to Graduate Form, located on 7 Pto Q. | | | - | - | | |
| Semester 2 (Spring) Composition II ENG 102 F/S/SU 3 ENG 101 (Semesters 2 and 3), choose: ART Digital Design Concepts II IMD 115 S/SU 3 IMD 114 (10, ART 111, ART 112, ART 121, Or ART 211. Digital Illustration and Animation IMD 155 S/SU 3 IMD 154 (If considering transfer, meet with a Animation IMD 155 S/SU 3 IMD 154 (If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. Art Theory Elective F/S/SU 3 IMD 154, IMD 161 (If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. Publication Design IMD 222 F 3 IMD 115, IMD 122 (If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process, or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 275 F 3 IMD 154, IMD 155 (Complete prerequisite(s) for the Mathematics Elective or Science Elective F/S/SU 3 (IMD 286 S 4 IMD 275 (Sraphic Design Processes Portfolio IMD 287 S 4 IMD 222, IMD 271 (September 200) (IMD 287 S 5) (IMD 287 S 6) (IMD 287 S 6) (IMD 287 S 6) (IMD 287 S 7) (IMD 222, IMD 271 S 6) (IMD 287 S 7) (IMD 222, IMD 271 S 6) (IMD 287 S 7) (IMD 287 S | | | | - | | Complete ENG 101. |
| Semester 2 (Spring) For the Art Theory Electives Somester 2 (Spring) For the Art Theory Electives Somester 3 (Spring) Somester 4 (Spring) So | Digital Photography | IMD 161 | - | | Placement into college level English | |
| Composition ENG 102 F/S/SU 3 ENG 101 (Semesters 2 and 3), choose: ART Digital Design Concepts I IMD 115 S/SU 3 IMD 114 (Or, ART 111, ART 112, ART 121, or ART 211, or ART 211. Or ART | | | | | | |
| Digital Design Concepts II IMD 115 S/SU 3 IMD 114 101, ART 111, ART 112, ART 121, Graphic Design II IMD 122 S 3 IMD 121 or ART 211. Digital Illustration and IMD 155 S/SU 3 IMD 154 If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. Purdamentals of 3D Digital Design IMD 171 S 3 IMD 154, IMD 161 If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. Publication Design IMD 222 F 3 IMD 115, IMD 122 If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 271 F 3 IMD 154, IMD 155 Complete prerequisite(s) for the Mathematics Elective or Science Elective. Semester 4 (Spring) The Liberal Arts Elective Graphic Design Processes Portfolio IMD 287 S 4 IMD 275 Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective Graphic Design Processes Portfolio Fisher Arts Elective Graphic Design Processes Fisher Graphic Design Processes Fi | | Sc | emester 2 (| Spring) | | For the Art Theory Electives |
| Graphic Design II IMD 122 S 3 IMD 121 or ART 211. Digital Illustration and Annimation | Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Digital Illustration and Animation Fundamentals of 3D Digital Pundamentals | Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | 101, ART 111, ART 112, ART 121, |
| Animation IMD 155 S/SU 3 IMD 154 If considering transfer, meet with a Transfer Services Advisor. See www.QCC.edu/transfer. Art Theory Elective F/S/SU 3 Total 18 Tour Transfer Services Advisor. See www.QCC.edu/transfer. Publication Design IMD 222 F 3 IMD 115, IMD 122 If considering transfer, meet with representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 271 F 3 IMD 115, IMD 121 IMD 155 IMD 154, IMD 155 IMD 154, IMD 155 IMD 154, IMD 155 IMD 155 IMD 154, IMD 155 | Graphic Design II | IMD 122 | S | 3 | IMD 121 | or ART 211. |
| Fundamentals of 3D Digital Design IMD 171 S 3 IMD 154, IMD 161 Transfer Services Advisor. See www.QCC.edu/transfer. Art Theory Elective F/S/SU 3 Total 18 Formula F | | IMD 155 | S/SU | 3 | IMD 154 | If considering transfer, meet with a |
| MD 171 S 3 IMD 161 MWW.QCC.edu/transfer. | | | | | | |
| Publication Design IMD 222 F 3 IMD 115, IMD 122 to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 275 F 3 IMD 154, IMD 155 Complete prerequisite(s) for the Mathematics Elective or Science Elective F/S/SU 3 IMD 275 IMD 286 S 4 IMD 275 IMD 287 S 4 IMD 275 Liberal Arts Elective F/S/SU 3 PIS/SU 3 PIS/SU 3 PORTION Processes Portfolio Liberal Arts Elective F/S/SU 3 PIS/SU | Design | IMD 171 | | | IMD 154, IMD 161 | |
| Publication Design IMD 222 F 3 IMD 115, IMD 122 Important to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. | Art Theory Elective | | | - | | |
| Publication Design IMD 222 F 3 IMD 115, IMD 122 representatives of four-year schools to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 271 F 3 IMD 115, IMD 121 search for internships, co-ops and jobs. Motion Graphics IMD 275 F 3 IMD 154, IMD 155 Complete prerequisite(s) for the Mathematics Elective or Science Elective. Total 15 Semester 4 (Spring) Interactive Media Processes Portfolio Graphic Design Processes Portfolio Liberal Arts Elective F/S/SU 3 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective or Science Florting application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on The Q. | | | Total | 18 | | |
| Digital Video Fundamentals IMD 263 F 3 IMD 115, IMD 122 to discuss/begin the transfer application process; or create an account on the QCC job board to search for internships, co-ops and jobs. Motion Graphics IMD 275 F 3 IMD 115, IMD 121 Search for internships, co-ops and jobs. Complete prerequisite(s) for the Mathematics Elective or Science Elective. Total Total IMD 286 S 4 IMD 275 IMD 287 IMD 288 IMD 287 IMD 288 IMD | | | Semester 3 | (Fall) | | If considering transfer, meet with |
| Typography IMD 271 F 3 IMD 115, IMD 121 Search for internships, co-ops and jobs. IMD 275 Art Theory Elective Total IMD 286 Semester 4 (Spring) IMD 286 Graphic Design Processes Portfolio Liberal Arts Elective Total Liberal Arts Elective F/S/SU Art Selective Total | Publication Design | IMD 222 | F | 3 | IMD 115, IMD 122 | to discuss/begin the transfer |
| Motion Graphics IMD 271 F 3 IMD 115, IMD 121 Motion Graphics IMD 275 F 3 IMD 154, IMD 155 Art Theory Elective F/S/SU 3 Mathematics Elective or Science Elective. Total 15 Semester 4 (Spring) IMD 286 S 4 IMD 275 Graphic Design Processes Portfolio Graphic Design Processes Portfolio Liberal Arts Elective F/S/SU 3 Liberal Arts Elective F/S/SU 3 Mathematics Elective or Science Elective Cannot be an ART course. Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective F/S/SU 3 Submit an Intent to Graduate Form, located on The Q. | Digital Video Fundamentals | IMD 263 | F | 3 | | |
| Art Theory Elective F/S/SU 3 Mathematics Elective or Science Elective. Total 15 | Typography | IMD 271 | F | 3 | IMD 115, IMD 121 | · · · · · · · · · · · · · · · · · · · |
| Total 15 Semester 4 (Spring) Interactive Media Processes Portfolio Graphic Design Processes Portfolio Liberal Arts Elective F/S/SU 3 Mathematics Elective Total 15 Elective. Elective. Elective. The Liberal Arts Elective cannot be an ART course. Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective Total 17 Total 17 | Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | Complete prerequisite(s) for the |
| Interactive Media Processes Portfolio IMD 286 S 4 IMD 275 IMD 287 S 4 IMD 222, IMD 271 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective Total 17 Total 17 Discrete Total 17 Discrete Total 17 Discrete Total 17 Discrete Total | Art Theory Elective | | F/S/SU | 3 | | |
| Interactive Media Processes Portfolio Graphic Design Processes Portfolio Liberal Arts Elective Liberal Arts Elective F/S/SU Mathematics Elective Total IMD 286 S 4 IMD 275 IMD 222, IMD 271 EIMD 222, IMD 271 IMD 222, IMD 271 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on The Q. | | | Total | 15 | | Elective. |
| Portfolio Graphic Design Processes Portfolio Liberal Arts Elective F/S/SU Mathematics Elective F/S/SU Total IMD 286 S 4 IMD 275 IMD 275 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on The Q. | | Sc | emester 4 (| Spring) | | The Liberal Arts Elective cannot be |
| Graphic Design Processes Portfolio Liberal Arts Elective F/S/SU Mathematics Elective F/S/SU Total IMD 287 S IMD 287 IMD 222, IMD 271 IMD 222, IMD 271 Continue with/complete the transfer application process; or if seeking employment, meet with Career Services for career readiness preparation and to learn more about QCC's job board. Submit an Intent to Graduate Form, located on The Q. | | IMD 286 | s | 4 | IMD 275 | an ART course. |
| Liberal Arts Elective F/S/SU 3 Services for career readiness preparation and to learn more about QCC's job board. Mathematics Elective or Science Elective F/S/SU 3 Submit an Intent to Graduate Form, located on The Q. | Graphic Design Processes | IMD 287 | S | 4 | IMD 222, IMD 271 | application process; or if seeking |
| Liberal Arts Elective F/S/SU 3 QCC's job board. Mathematics Elective or Science Elective F/S/SU 3 Total 17 CC's job board. Submit an Intent to Graduate Form, located on The Q. | Liberal Arts Elective | | F/S/SU | 3 | | Services for career readiness |
| Science Elective F/S/SU 3 Submit an Intent to Graduate Form, located on <i>The Q</i> . | Liberal Arts Elective | | F/S/SU | 3 | | |
| 1000 17 | | | | _ | | = - |
| Total Credits Required 65 | | | Total | <mark>17</mark> | | located on <i>The</i> Q. |
| | Total Credits R | equired | | <mark>65</mark> | | |

<u>Computer & Information Technology</u> Interactive Media - Digital Design Option - Associate in Science (Program Code: IMDD) **PROPOSED**

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------|--------------|-------------|-----------------|--------------------------------------|--------------------------------------|
| | <u>'</u> | Semester 1 | (Fall) | | Register for and successfully |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | complete all courses to graduate in |
| Digital Design Concepts I | IMD 114 | F/SU | 3 | Placement into college level English | four semesters. |
| Graphic Design I | IMD 121 | F | 3 | Placement into college level English | |
| Digital Imaging and Media | IMD 154 | F/SU | 3 | Placement into college level English | Complete ENG 101. |
| Digital Photography | IMD 161 | F | 3 | Placement into college level English | |
| | | Total | 15 | | |
| | Sc | emester 2 (| Spring) | | For the Art Theory Electives |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | (Semesters 2 and 3), choose: ART |
| UI/UX Design Fundamentals | IMD 105 | F/S | 3 | Placement into college level English | 101, ART 111, ART 112, ART 121, |
| Digital Design Concepts II | IMD 115 | S/SU | 3 | IMD 114 | or ART 211. |
| Graphic Design II | IMD 122 | S | 3 | IMD 121 | |
| Digital Illustration and | IMD 455 | 0/011 | _ | IMD 454 | If considering transfer, meet with a |
| Animation | IMD 155 | S/SU | 3 | IMD 154 | Transfer Services Advisor. See |
| Art Theory Elective | | F/S/SU | 3 | | www.QCC.edu/transfer. |
| - | | Total | 18 | | |
| | | Semester 3 | (Fall) | | If considering transfer, meet with |
| Details offers Deadless | IMP 000 | - | _ | IMP 445 IMP 400 | representatives of four-year schools |
| Publication Design | IMD 222 | F | 3 | IMD 115, IMD 122 | to discuss/begin the transfer |
| Disit-11/64- For description | IMP 000 | - | _ | | application process; or create an |
| Digital Video Fundamentals | IMD 263 | F | 3 | | account on the QCC job board to |
| Typography | IMD 271 | F | 3 | IMD 115, IMD 121 | search for internships, co-ops and |
| туродгарпу | IIVID 27 I | Г | 3 | IND 115, IND 121 | jobs. |
| Motion Graphics | IMD 275 | F | 3 | IMD 154, IMD 155 | |
| Widtion Graphics | IIVID 273 | - | | 100 104, 1100 100 | Complete prerequisite(s) for the |
| Art Theory Elective | | F/S/SU | 3 | | Mathematics Elective or Science |
| | | Total | 15 | | Elective. |
| | Sc | emester 4 (| Spring) | | For the IMD Strategic Elective, |
| | | l | | | choose: CIS 121, CIS 134, COM |
| Interactive Media Processes | IMD 286 | s | 4 | IMD 275 | 100, CSC 101, HUM 232, IMG 100, |
| Portfolio | IIVID 200 | | 7 | IWD 275 | IMG 272, MGT 216, MRK 201 or |
| | | | | | MRK 241. |
| IMP Charles are Elective | _ | E/C/CH | _ | | |
| IMD Strategic Elective | | F/S/SU | 3 | | The Liberal Arts Elective cannot be |
| | | | | | an ART course. |
| Liberal Arts Elective | | F/S/SU | 3 | | |
| Liberal Arts Elective | | 170700 | | | Continue with/complete the transfer |
| | | | | | application process; or if seeking |
| Liberal Arts Elective | | F/S/SU | 3 | | employment, meet with Career |
| | | | | | Services for career readiness |
| Mathematics Elective or | | | _ | | preparation and to learn more about |
| Science Elective | | F/S/SU | 3 | | QCC's job board. |
| | + | | | | |
| | | Total | <mark>16</mark> | | Submit an Intent to Graduate Form, |
| Total Condita | Da musima al | | <u></u> | | located on The Q. |
| Total Credits F | kequirea | | <mark>64</mark> | | |

| 1. | — BBAP (from current AY | 22/23 catalog) | Career | - Administrative Professional Option |
|-----|--------------------------------|-----------------------------------------------------------------------------|--------------|--------------------------------------|
| 2. | Originator: | Maryann Kania | Date: 5 | 5/11/2023 |
| 3. | School Dean: | Betty Lauer | Date: | |
| 4. | Effective Date: Fall | II 2024 | | |
| 5. | Reviewed by Prog | ram and Process (if applicable) | Date: | |
| 6. | Recommended by Comments: Unani | the <u>School of Business. Engineering & Techn</u> imously approved. | <u>ology</u> | Date: <u>5/18/2023</u> |
| 7. | AA Leadership Te | eam: | Date: | |
| | Recommended:Comments: | Not Recommended: | | |
| 8. | VP/Academic Affa | nirs: | Date: | |
| | Recommended:Comments: | Not Recommended: | | |
| 9. | Learning Council: | <u> </u> | Date: | |
| | Recommended:Comments: | Not Recommended: | | |
| 10. | VP/Academic Affa | nirs: | Date: | |
| | Approved: Comments: | Not Approved: | | |
| | | | | |

| Degree or Certificate name and code: Business Administration Career - Administrative Professional Option — BBAP |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provide a detailed list of the proposed changes to the degree or certificate. |
| 1. In Semester 2, remove Mathematics Elective, and replace with MAT 103. |
| 2. Update Semester 2 Milestones, accordingly. |
| 3. |
| Attachments: |
| Current academic map |
| Proposed academic map with changes in bold |
| Submit separate proposals for any new courses or revised courses in the degree or certificate. |
| Please list here the new courses or revised courses for which separate proposals will be submitted. |
| ACC 101 Course Revision Proposal |
| Provide a rationale for the proposed changes. |
| The department believes that MAT 103 is the best choice for students in this career program. It covers all the material needed in the field of administrative assistants. |
| Current Course Description for MAT 103 Mathematics for Business: This course introduces the mathematical processes and techniques currently used in the fields of |
| business and finance. Students use practical examples throughout to illustrate the relevance of |
| analyzing and interpreting data in business and financial management. Students learn sound |
| decision-making skills that will aid them in fulfilling their roles as citizens, consumers, employees, |
| employers, investors, and entrepreneurs. The course introduces business statistics and continues with |
| business and financial topics including bank services, business and consumer loans, simple and |
| compound interest, payroll taxes, risk management, the mathematics of buying, break-even and cost- |
| volume-profit analysis, discounts, markups and markdowns, inventory control, stocks and bonds, |
| annuities and sinking funds, depreciation, interpreting financial statements and financial analysis. |
| Do any of the proposed changes affect the program goals and/or the program student learning outcomes? |
| Please indicate any revisions to the program goals and/or program student learning outcomes. |
| |
| This change will improve this learning outcome: "Demonstrate the skills needed to develop ideas and |
| make decisions based on ethics, appropriate research, analysis, and critical thinking" by giving |
| students the mathematical tools to conduct analysis of loans, payrolls, taxes, purchasing, inventory |
| control etc., all of which could be in their job responsibilities. |
| Do any of the proposed changes affect another department? Examples include the deletion or addition of |
| program courses that are offered by other departments. Please confer with the coordinators of affected |
| departments. |
| Department(s) Affected: Math |
| Do any of the proposed changes affect articulation agreements? Consult with the Transfer Coordinator. No |
| For an associate degree program, are there any changes in the number of general education credits that |
| could affect MassTransfer? No |
| |
| If yes please provide a rationale. |
| Will any of the following be required: No |
| |
| Additional staffAdditional spaceAdditional equipmentAdditional library resources |

Provide a rationale for any needs indicated and include approximate cost of equipment.

Please complete the following tables for your program or indicate the date of the **Academic Matters** (within the last three years) where they have previously been published. May 2021

List the PROGRAM STUDENT LEARNING OUTCOMES in the table below. Indicate the course or courses that will fulfill each outcome and indicate the degree or level of connection between the course and outcome as indicated here.

- I Introductory/Background: There is an indirect relationship between the course and the outcome. The outcome itself is not the focus of the course but at least one element of the course serves as a building block to the achievement of the final outcome. For example, course elements may provide the knowledge, skills or attitudes necessary for the ultimate achievement of the outcome.
- M Intermediate/Transitional: There is more of a direct relationship between the course and the outcome than Introductory. A mixture of course elements supports the final achievement of the outcome, but the final integration of knowledge, skills and attitudes necessary for its achievement is not accomplished in this course. For example, knowledge, skills and/or attitudes (at least 2 of the 3) required for achievement of the outcome may be the focus of the course or course element, but the integration of all three is not.
- \mathbf{E} Emphasized: There is a direct relationship between the course and the outcome. At least one element of the course focuses specifically on the complex integration of knowledge, skills and attitudes necessary to perform the outcome.

| PROGRAM STUDENT LEARNING OUTCOMES FOR (insert the name of the state of | the Supporting | I, M, E |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| | course(s) | 1, 141, 12 |
| program) | course(s) | |
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For a DEGREE PROGRAM, indicate the courses that fulfill the General Education Student Learning Outcomes (Gen. Ed. Goals adopted 2022).

| GENERAL EDUCATION STUDENT LEARNING OUTCOMES FOR (insert the | Supporting | I, M, E |
|-----------------------------------------------------------------------------------|------------|---------|
| name of the program) | course(s) | |
| Civic Learning & Engagement: Students will develop civic knowledge, skills | | |
| and dispositions through learning and practice. | | |
| Communication Skills: Students will read, write and speak effectively to build | | |
| knowledge and convey meaning. | | |
| Information and Digital Literacy: Students will engage in a reflective process of | | |
| information discovery, use information responsibly and employ digital | | |
| technologies to learn, communicate and collaborate. | | |
| Intercultural Knowledge and Competence: Students will demonstrate | | |
| intercultural knowledge within a variety of cultural contexts and with culturally | | |
| different ideas and individuals | | |
| Quantitative and Scientific Reasoning: Students will apply concepts and | | |
| methods of mathematics and science to acquire knowledge and solve problems. | | |

<u>Business. Financial & Hospitality Management</u> Business Administration Career - Administrative Professional Option - Associate in Science (Program Code: BBAP)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|----------|---------|---------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| | | Semest | er 1 | · | Apply and get accepted to this |
| | | | | Placement into college level English, | program (Program Code: BBAP). |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | MAT 090 with a grade of "C" or higher or approp place score | Register for and successfully |
| Medical Law and Ethics OR | ALH 106 | F/S | | Placement into college level English | complete all courses to graduate in |
| Business Law I OR | BSL 101 | F/S/SU | 3 | 3 3 | four semesters. |
| E-Business Law & Ethics | BSL 103 | F/S | 1 | Coreq: CIS 111 | |
| Keyboarding Applications | BSS 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. |
| Introduction to Microcomputer Applications | CIS 111 | F/S/SU | 3 | 5 5 | |
| Composition I | ENG 101 | F/S/SU | 3 | Placement into college level English | - |
| | | Total | 15 | | - |
| | | Semest | er 2 | | Meet with Career Services to discuss |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | the co-op process and leads for co- |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | op placements. For the Elective, ALH 102 strongly recommended. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Elective | | F/S/SU | 3 | | Complete the Mathematics Elective |
| Mathematics Elective | | F/S/SU | 3 | | (MAT 103 or MAT 122 strongly |
| | | Total | 15 | | recommended). |
| | | Semest | er 3 | | Contact Career Services to complete |
| Medical/Dental Billing and Insurance OR | BSS 112 | F/S | 3 | ALH 102 | all requirements of CPS 298 (required prior to registration for BUS |
| Business Elective | | F/S/SU | | | 299). See www.QCC.edu/career- |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | services. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Create an account on the QCC job |
| Elective | | F/S/SU | 3 | | board to search for internships, co- |
| Liberal Arts Elective | | F/S/SU | 3 | | ops and jobs. |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | |
| | | Total | 15-16 | | |
| | | Semest | er 4 | | If seeking employment, meet with |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Career Services for career readiness preparation and to learn more about |
| Business Administration Capstone OR | BUS 250 | E/C | 3 | CIS 111, Coreq: ACC 101 or CIS 212 | QCC's job board. |
| Career Strategies and Co-op Experience | BUS 299 | F/S | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Electronic Health Records OR | CIS 212 | F/S | | ALH 102, CIS 111 | |
| Database Management Application Development | CIS 243 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| Total Credits R | equired | | 60-61 | | |
| | | | | | |

Business. Financial & Hospitality Management Business Administration Career - Administrative Professional Option - Associate in Science (Program Code: BBAP)

| Course Title | Course # | Offered | Credits | Prerequisites | Milestones |
|------------------------------------------------|----------|---------|---------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Course Title | Course # | Semest | | Frerequisites | |
| | | Semesi | ei i | I D | Apply and get accepted to this |
| Financial Accounting I | ACC 101 | F/S/SU | 3 | Placement into college level English, MAT 090 with a grade of "C" or higher or approp place score | program (Program Code: BBAP). Register for and successfully |
| Medical Law and Ethics OR | ALH 106 | F/S | | Placement into college level English | complete all courses to graduate in |
| Business Law I OR | BSL 101 | F/S/SU | 3 | i ideement mite eenege ievel Englien | four semesters. |
| E-Business Law & Ethics | BSL 103 | F/S | | Coreq: CIS 111 | 1 |
| Keyboarding Applications | BSS 101 | F/S/SU | 3 | Placement into college level English | Complete ENG 101. |
| Introduction to Microcomputer | CIS 111 | F/S/SU | 3 | T lassificate with college level English | |
| Applications | | F/S/SU | 3 | Diagona antimta pollogo lovol Emplish | |
| Composition I | ENG 101 | Total | 15 | Placement into college level English | _ |
| | | Semest | - | | 14 / 31 0 0 1 / 1 |
| Financial Association II | ACC 102 | F/S/SU | | L ACC 404 CIS 444 | Meet with Career Services to discuss |
| Financial Accounting II | ACC 102 | F/S/SU | 3 | ACC 101, CIS 111 | the co-op process and leads for co- |
| Advanced Microcomputer Applications | CIS 112 | F/S/SU | 3 | CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | op placements. For the Elective, ALH 102 strongly recommended. |
| Composition II | ENG 102 | F/S/SU | 3 | ENG 101 | |
| Mathematics for Business | MAT 103 | S | 3 | MAT 095 with a grade of "C" or higher or approp place | Complete MAT 103. |
| Elective | | F/S/SU | 3 | Cr approp place | - |
| | | Total | 15 | | - |
| | | Semest | er 3 | l | Contact Career Services to complete |
| Medical/Dental Billing and | | | | | all requirements of CPS 298 |
| Insurance OR | BSS 112 | F/S | 3 | ALH 102 | (required prior to registration for BUS |
| Business Elective | | F/S/SU | Ĭ | | 299). See www.QCC.edu/career- |
| Pre Cooperative Education Seminar | CPS 298 | F/S | 0 | | services. |
| Speech Communication Skills | SPH 101 | F/S/SU | 3 | Placement into college level English | Create an account on the QCC job |
| Elective | | F/S/SU | 3 | i idaaman maa aanaga laka. <u>Liigiidii</u> | board to search for internships, co- |
| Liberal Arts Elective | | F/S/SU | 3 | | ops and jobs. |
| Science Elective or Lab Science Elective | | F/S/SU | 3-4 | | - |
| OCICIOC LICCUVC | | Total | 15-16 | | - |
| | | Semest | | | If seeking employment, meet with |
| Integrated Communications for Business | BUS 201 | F/S/SU | 3 | CIS 111, Placement into college level English | Career Services for career readiness preparation and to learn more about |
| Business Administration Capstone OR | BUS 250 | | | CIS 111, Coreq: ACC 101 or CIS 212 | QCC's job board. |
| Career Strategies and Co-op Experience | BUS 299 | F/S | 3 | CIS 111, CPS 298, Coreq: ACC 101 or CIS 212 | Submit an Intent to Graduate Form, located on <i>The Q</i> . |
| Electronic Health Records OR | CIS 212 | F/S | | ALH 102, CIS 111 | |
| Database Management Application Development | CIS 243 | S | 3 | CIS 105 or CIS 111, Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | |
| Human Relations in Organizations | PSY 158 | F/S/SU | 3 | Placement into college level English | |
| Social Science Elective | | F/S/SU | 3 | | |
| | | Total | 15 | | |
| Total Credits R | equired | | 60-61 | | |
| | | | | | |

| 1. | Degree or Certificate Name and (from current AY 22/23 catalog) | | TS CERTIFICA | TE (CAC) |
|-----|------------------------------------------------------------------|------------------------|-------------------|------------------------|
| 2. | Originator: Pat Hutchinson | | Date: 08. 31.23 | i |
| 3. | School Dean: K. Rentsch, Interio | n | Date: 09.18.23 | |
| 4. | Effective Date: Spring 2024 (by | emergency approval); F | all 2024 in Catal | og |
| 5. | Reviewed by Program and Proce | ess (if applicable) | Date: | |
| 6. | Recommended by the <u>School of</u> Comments: Unanimously appro- | | & Technology | Date: <u>9/21/2023</u> |
| 7. | AA Leadership Team: | | Date: _ | |
| | Recommended:Comments: | Not Recommended: | | |
| 8. | VP/Academic Affairs: | | Date: _ | |
| | Recommended:Comments: | Not Recommended: | | |
| 9. | Learning Council: | | Date: _ | |
| | Recommended: Comments: | Not Recommended: _ | | |
| 10. | VP/Academic Affairs: | | Date: _ | |
| | Approved: Comments: | Not Approved: | | |

Degree or Certificate name and code:

CULINARY ARTS CERTIFICATE (CAC)

Provide a detailed list of the proposed changes to the degree or certificate.

- 1. HRM 111 can substitute for CUL 111 and CUL 112
- 2. HRM 112 can substitute for CUL 113 and CUL 114

Attachments:

Current academic map

Proposed academic map with changes in bold

Submit separate proposals for any new courses or revised courses in the degree or certificate. Please list here the new courses or revised courses for which separate proposals will be submitted.

NA

Provide a rationale for the proposed changes.

This will allow students enrolled in the Culinary Arts Certificate (CAC) greater flexibility in scheduling and reduce the number of petitions being processed. When the program faculty created the new culinary one credit modules, the 4-credit cooking course as an approved required course as an option was omitted. The 4-credit courses were split into two 2-credit courses to satisfy a request for modular courses.

In the following associate degree and certificate grids the COURSES are listed as either/or: Hospitality and Recreation Management - Foodservice Management Option | Quinsigamond Community College (QCC); Dietary Management Certificate | Quinsigamond Community College (QCC); Foodservice Management Certificate | Quinsigamond Community College (QCC)

This revision impacts the following certificate: <u>Culinary Arts Certificate | Quinsigamond Community College (QCC)</u>

Do any of the proposed changes affect the program goals and/or the program student learning outcomes? Please indicate any revisions to the program goals and/or program student learning outcomes.

NA

Do any of the proposed changes affect another department? Examples include the deletion or addition of program courses that are offered by other departments. Please confer with the coordinators of affected departments.

Department(s) Affected:

NA

Do any of the proposed changes affect articulation agreements? Consult with the Transfer Coordinator.

For an associate degree program, are there any changes in the number of general education credits that could affect MassTransfer?

NA

If yes please provide a rationale.

| Will any of the following be required: NA |
|----------------------------------------------------------------------------------------|
| Additional staffAdditional spaceAdditional equipmentAdditional library resources |
| Provide a rationale for any needs indicated and include approximate cost of equipment. |
| NA |

Please complete the following tables for your program or indicate the date of the **Academic Matters** (within the last three years) where they have previously been published.

List the PROGRAM STUDENT LEARNING OUTCOMES in the table below. Indicate the course or courses that will fulfill each outcome and indicate the degree or level of connection between the course and outcome as indicated here.

- I Introductory/Background: There is an indirect relationship between the course and the outcome. The outcome itself is not the focus of the course but at least one element of the course serves as a building block to the achievement of the final outcome. For example, course elements may provide the knowledge, skills or attitudes necessary for the ultimate achievement of the outcome.
- M Intermediate/Transitional: There is more of a direct relationship between the course and the outcome than Introductory. A mixture of course elements supports the final achievement of the outcome, but the final integration of knowledge, skills and attitudes necessary for its achievement is not accomplished in this course. For example, knowledge, skills and/or attitudes (at least 2 of the 3) required for achievement of the outcome may be the focus of the course or course element, but the integration of all three is not.
- **E** Emphasized: There is a direct relationship between the course and the outcome. At least one element of the course focuses specifically on the complex integration of knowledge, skills and attitudes necessary to perform the outcome.

| PROGRAM STUDENT LEARNING OUTCOMES FOR (insert the name of | | I, M, E |
|-----------------------------------------------------------|-----------|---------|
| program) | course(s) | |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |

For a DEGREE PROGRAM, indicate the courses that fulfill the General Education Student Learning Outcomes (Gen. Ed. Goals adopted 2022).

| GENERAL EDUCATION STUDENT LEARNING OUTCOMES FOR (insert the | Supporting | I, M, E |
|-----------------------------------------------------------------------------------|------------|---------|
| name of the program) | course(s) | |
| Civic Learning & Engagement: Students will develop civic knowledge, skills | | |
| and dispositions through learning and practice. | | |
| Communication Skills: Students will read, write and speak effectively to build | | |
| knowledge and convey meaning. | | |
| Information and Digital Literacy: Students will engage in a reflective process of | | |
| information discovery, use information responsibly and employ digital | | |
| technologies to learn, communicate and collaborate. | | |
| Intercultural Knowledge and Competence: Students will demonstrate | | |
| intercultural knowledge within a variety of cultural contexts and with culturally | | |
| different ideas and individuals | | |
| Quantitative and Scientific Reasoning: Students will apply concepts and | | |
| methods of mathematics and science to acquire knowledge and solve problems. | | |

Culinary Arts Certificate (Program Code: CAC)

CURRENT

| | | Offere | Credit | | Milestones |
|-------------------------------------------------------------|----------|---------|--------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Title | Course # | d | S | Prerequisites | |
| | | Semeste | er 1 | | Apply and get accepted to this |
| Today's Culinary Professional | HRM 100 | SU/IN | 1 | | program (Program Code: CAC). Apply for prior credit articulated from technical high school program. Register for and successfully complete all courses to graduate in three semesters. |
| | | Total | 1 | | Complete HRM 100. |
| | • | Semeste | er 2 | | Meet with Academic Advisor to |
| Introduction to Meats | CUL 111 | F/S | 2 | Coreq: HRM 110 or HRM 115 | discuss associate degree |
| Introduction to Poultry & Seafood | CUL 112 | F/S | 2 | Coreq: HRM 110 or HRM 115 | (Program Code: HRFO); or create an account on the QCC job board |
| Trawl to Table | CUL 141 | F | 1 | | to search for internships, co-ops |
| Basic Foods: Mise En Place | HRM 110 | F/S | 3 | | and jobs. |
| Sanitation Certification | HRM 115 | F/S/SU | 1 | | |
| Hotel/Restaurant Management Cooperative Education Practicum | HRM 298 | F/S/SU | 1-2 | Approval of Program Coordinator | |
| Culinary Elective | | F/S | 1 | | |
| | | Total | 11-12 | | |
| | | Semeste | er 3 | | Apply to associate degree |
| Introduction to Vegetables, Fruits & Grains | CUL 113 | F/S | 2 | Coreq: HRM 110 or HRM 115 | (Program Code: HRFO); or if seeking employment, meet with |
| Introduction to Dairy, Salads & Sandwiches | CUL 114 | F/S | 2 | Coreq: HRM 110 or HRM 115 | Career Services for career readiness preparation and to |
| Farm to Table | CUL 142 | S | 1 | | learn more about QCC's job |
| Basic Foods: Principles of Baking | HRM 113 | F/S | 3 | | board. |
| Hotel/Restaurant Management Cooperative Education Practicum | HRM 298 | F/S/SU | 1-2 | Approval of Program Coordinator | Submit an Intent to Graduate Form, located on <i>The</i> Q. |
| Culinary Elective | | F/S | 1 | | |
| Culinary Elective | | F/S | 1 | | |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| | | Total | 14-15 | | |
| Total Credits R | Required | | 26-28 | | |

Culinary Arts Certificate (Program Code: CAC)

PROPOSED

| Course Title | Course # | Offere d | Credit s | Prerequisites | Milestones |
|-----------------------------------------------------------------|----------|-------------|----------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Semest | er 1 | | Apply and get accepted to this |
| Today's Culinary Professional | HRM 100 | SU/IN | 1 | | program (Program Code: CAC). Apply for prior credit articulated from technical high school program. Register for and successfully complete all courses to graduate in three semesters. |
| | | Total | 1 | | Complete HRM 100. |
| | | Semest | er 2 | | Meet with Academic Advisor to |
| Trawl to Table | CUL 141 | F | 1 | | discuss associate degree |
| Basic Foods: Mise En Place | HRM 110 | F/S | 3 | | (Program Code: HRFO); or create |
| Basic Foods: Basic Boucher & Patissier OR | HRM 111 | | | Coreq: HRM 110 | an account on the QCC job board to search for internships, co-ops |
| Introduction to Meats AND | CUL 111 | F/S | <mark>4</mark> | | and jobs. |
| Introduction to Poultry & Seafood | CUL 112 | | | Coreq: HRM 110 or HRM 115 | Complete HRM 111 (4 credits); or |
| Sanitation Certification | HRM 115 | F/S/SU | 1 | | complete CUL 111 (2 credits) and |
| Hotel/Restaurant Management Cooperative Education Practicum | HRM 298 | F/S/SU | 1-2 | Approval of Program Coordinator | CUL 112 (2 credits). |
| Culinary Elective | | F/S | 1 | | |
| | | Total | 11-12 | | |
| | | Semest | er 3 | | Apply to associate degree |
| Farm to Table | CUL 142 | S | 1 | | (Program Code: HRFO); or if |
| Basic Foods: Garde- Manager & Saucier OR | HRM 112 | | | Coreq: HRM 110 | seeking employment, meet with Career Services for career |
| Introduction to Vegetables, Fruits & Grains AND | CUL 113 | F/S | 4 | Coreq: HRM 110 or HRM 115 | readiness preparation and to learn more about QCC's job |
| Introduction to Dairy, Salads & Sandwiches | CUL 114 | | | 33.54 | board. |
| Basic Foods: Principles of Baking | HRM 113 | F/S | 3 | | Complete HRM 112 (4 credits); or complete CUL 113 (2 credits) and |
| Hotel/Restaurant Management Cooperative Education Practicum | HRM 298 | F/S/SU | 1-2 | Approval of Program Coordinator | CUL 114 (2 credits). Submit an Intent to Graduate |
| Culinary Elective | | F/S | 1 | | Form, located on <i>The Q</i> . |
| Culinary Elective | | F/S | 1 | | |
| Hotel/Restaurant Management Elective or Culinary Elective | | F/S/SU | 3 | | |
| | | Total | 14-15 | | |
| Total Credits R | equired | | 26-28 | | |

| 1. | Degree or Certificate Name and C (from current AY 22/23 catalog) | Code: Manufacturing T | echnology Cert | ificate MPC |
|-----|---------------------------------------------------------------------|------------------------|----------------|-------------------------|
| 2. | Originator: Lee Duerden | | Date: 09.20.23 | |
| 3. | School Dean: Kathy Rentsch (Int | erim) | Date: 09.27.23 | |
| 4. | Effective Date: Immediate (This c | change was made in the | Catalog but mi | issed in governance) |
| 5. | Reviewed by Program and Proces | ss (if applicable) | Date: | |
| 6. | Recommended by the School of B Comments: Unanimously approv | | Technology | Date: <u>10/19/2023</u> |
| 7. | AA Leadership Team: | | Date: _ | |
| | Recommended: Comments: | Not Recommended: _ | | |
| 8. | VP/Academic Affairs: | | Date: _ | |
| | Recommended: Comments: | Not Recommended: _ | | |
| 9. | Learning Council: | | Date: _ | |
| | Recommended: Comments: | Not Recommended: _ | | |
| 10. | VP/Academic Affairs: | | Date: _ | |
| | Approved: | Not Approved: | | |

| Degree or Certificate name and code: Manufacturing Technology Certificate MPC |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provide a detailed list of the proposed changes to the degree or certificate. |
| In Semester 2, remove MAT 108 (course is retired) as the alternative option to MAT 100. In Semester 2, add MAT 147 as the alternative option to MAT 100. |
| NOTE: THIS CHANGE IS REFLECTED IN THE AY 24 CATALOG BUT MISSED IN THE FORMAL GOVERNANCE APPROVAL PROCESS. |
| Attachments: |
| Manufacturing Technology Certificate - Program Code MPC (From AY 2019 Catalog) Manufacturing Technology Certificate - Program Code MPC Proposed/Current (AY 24 Catalog) |
| Current academic map Proposed academic map with changes in bold |
| Submit separate proposals for any new courses or revised courses in the degree or certificate. |
| Please list here the new courses or revised courses for which separate proposals will be submitted. |
| NA |
| Provide a rationale for the proposed changes. |
| See above. |
| Do any of the proposed changes affect the program goals and/or the program student learning outcomes? Please indicate any revisions to the program goals and/or program student learning outcomes. |
| No |
| Do any of the proposed changes affect another department? Examples include the deletion or addition of program courses that are offered by other departments. Please confer with the coordinators of affected departments. Department(s) Affected: None |
| Do any of the proposed changes affect articulation agreements? Consult with the Transfer Coordinator. |
| NA . |
| For an associate degree program, are there any changes in the number of general education credits that could affect MassTransfer? No |
| If yes please provide a rationale. Will any of the following be required: N/A |
| Will any of the following be required: N/A Additional staff Additional staff Additional staff Additional staff |
| Additional staff Additional space Additional equipment Additional library resources |
| |

Provide a rationale for any needs indicated and include approximate cost of equipment.

Please complete the following tables for your program or indicate the date of the **Academic Matters** (within the last three years) where they have previously been published.

List the PROGRAM STUDENT LEARNING OUTCOMES in the table below. Indicate the course or courses that will fulfill each outcome and indicate the degree or level of connection between the course and outcome as indicated here.

I – Introductory/Background: There is an indirect relationship between the course and the outcome. The outcome itself is not the focus of the course but at least one element of the course serves as a building block to the achievement of the final outcome. For example, course elements may provide the knowledge, skills or attitudes necessary for the ultimate achievement of the outcome.

M – Intermediate/Transitional: There is more of a direct relationship between the course and the outcome than Introductory. A mixture of course elements supports the final achievement of the outcome, but the final integration of knowledge, skills and attitudes necessary for its achievement is not accomplished in this course. For example, knowledge, skills and/or attitudes (at least 2 of the 3) required for achievement of the outcome may be the focus of the course or course element, but the integration of all three is not. **E** – Emphasized: There is a direct relationship between the course and the outcome. At least one element of the course focuses specifically on the complex integration of knowledge, skills and attitudes necessary to perform the outcome.

| | RAM STUDENT LEARNING OUTCOMES FOR (insert the | Supporting | I, M, E |
|--------|-----------------------------------------------|------------|---------|
| name o | f the program) | course(s) | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |

For a DEGREE PROGRAM, indicate the courses that fulfill the General Education Student Learning Outcomes (Gen. Ed. Goals adopted 2022).

| GENERAL EDUCATION STUDENT LEARNING OUTCOMES FOR | Supporting | I, M, E |
|--------------------------------------------------------------------------|------------|---------|
| (insert the name of the program) | course(s) | |
| Civic Learning & Engagement: Students will develop civic knowledge, | | |
| skills and dispositions through learning and practice. | | |
| Communication Skills: Students will read, write and speak effectively to | | |
| build knowledge and convey meaning. | | |
| Information and Digital Literacy: Students will engage in a reflective | | |
| process of information discovery, use information responsibly and employ | | |
| digital technologies to learn, communicate and collaborate. | | |
| Intercultural Knowledge and Competence: Students will demonstrate | | |
| intercultural knowledge within a variety of cultural contexts and with | | |
| culturally different ideas and individuals | | |
| Quantitative and Scientific Reasoning: Students will apply concepts and | | |
| methods of mathematics and science to acquire knowledge and solve | | |
| problems. | | |

Manufacturing Technology Certificate (Program Code: MPC) CURRENT

| Course Title | Course # | Offer ed | Credit s | Prerequisites | Milestones | |
|--------------------------------------------------------|-------------|------------|----------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|
| | | Semest | er 1 | | Apply and get accepted to this | |
| Introduction to Microcomputer Applications | CIS 111 | F/S/S U | 3 | | program (Program Code: MPC). | |
| Manufacturing Safety | MNT 100 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Register for and successfully complete all courses to graduate in two semesters. Meet with Academic Advisor | |
| Mechanical CAD I | MNT 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | to discuss associate degree (Program Code: MP); or create an account on the QCC | |
| Basic Machine Operation | MNT 108 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | job board to search for internships, co-ops and jobs. | |
| | | Total | 12 | | Complete MNT 100 and MNT 108 (both courses include certification exams). | |
| | | Semest | er 2 | | Apply to associate degree | |
| College Algebra OR | MAT 100 | F/S/S U | 3-4 | MAT 099 with a grade of "C" or higher or approp place score | (Program Code: MP); or if seeking employment, meet | |
| Applied Technical Mathematics I | MAT 108 | F/S | 0-4 | MAT 095 with a grade of "C" or higher or approp place score | with Career Services for career readiness preparation | |
| Quality | MNT 106 | S | 3 | | and to learn more about QCC's job board. | |
| Manufacturing Materials and Processes | MNT 110 | S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Submit an Intent to Graduate | |
| Maintenance and Instrumentation in Manufacturing | MNT 115 | S | 3 | | Form, located on <i>The Q</i> . | |
| | | Total | 12-13 | | | |
| Total Credits Required | | 24-25 | | | | |

Manufacturing Technology Certificate (Program Code: MPC) PROPOSED

| Course Title | Course # | Offer ed | Credit s | Prerequisites | Milestones |
|--------------------------------------------------|--------------------------------|------------|----------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| | Apply and get accepted to this | | | | |
| Introduction to Microcomputer Applications | CIS 111 | F/S/S U | 3 | | program (Program Code: MPC). |
| Manufacturing Safety | MNT 100 | F/S | 3 | Placement into college level English, MAT 095 with a grade of "C" or higher or approp place score | Register for and successfully complete all courses to graduate in two semesters. Meet with Academic Advisor |
| Mechanical CAD I | MNT 101 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | to discuss associate degree (Program Code: MP); or create an account on the QCC |
| Basic Machine Operation | MNT 108 | F/S | 3 | MAT 095 with a grade of "C" or higher or approp place score | job board to search for internships, co-ops and jobs. |
| | | Total | 12 | | Complete MNT 100 and MNT 108 (both courses include certification exams). |
| | | Semest | er 2 | | Apply to associate degree |
| College Algebra OR | MAT 100 | F/S/S | 3-4 | MAT 099 with a grade of "C" or higher or approp place score | (Program Code: MP); or if seeking employment, meet |
| Mathematics for Technicians I | MAT 147 | U | 3-4 | MAT 095 with a grade of "C" or higher or approp place score | with Career Services for career readiness preparation |

| Quality | MNT 106 | S | 3 | | and to learn more about QCC's job board. |
|--------------------------------------------------------|------------|-------|-------|-------------------------------------------------------------|------------------------------------------|
| Manufacturing Materials and Processes | MNT 110 | S | 3 | MAT 095 with a grade of "C" or higher or approp place score | Submit an Intent to Graduate |
| Maintenance and Instrumentation in Manufacturing | MNT 115 | S | 3 | | Form, located on <i>The Q</i> . |
| | | Total | 12-13 | | |
| Total Credits Required | | | 24-25 | | |

Note: Both grids already include curriculum changes that were officially approved via Academic Matters 04/13/2021.