

**MEMORANDUM**

**TO:** Academic Affairs Committee

**FROM:** Pat Toney  
Vice President of Academic Affairs

**DATE:** April 5, 2011

**RE:** Academic Affairs Committee Meeting

---

The Academic Affairs Committee will meet as scheduled on Tuesday, April 12, 2011 at 2 p.m. in Room 107A.

The agenda is as follows:

**1. Curriculum**

**Business & Technology Division**

**Course Revision Proposal - ERG 221**

**Human Services & Science**

**Course Revision Proposal – CHM 201**

**Humanities**

**Course Revision Proposals – HUM 231, PHI 131**

**Math & Social Sciences**

**Course Revision Proposal - MAT 112, PSY 115**

**2. Governance Policies**

**Reports Due – Discipline in the Classroom**

**3. Other**

QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

1. Course Name & Number: ERG 221 Statics

2. Originator: Dadbeh Bigonahy Date: 2.25.11

3. Division Dean: Kathy Rentsch Date: 2.25.11

4. Brief Description of the Proposal:

- 1. Drop MAT 234 and PHY 105 as prerequisites
2. Change PHY 106 from prerequisite to co-requisite

5. Effective Date: Fall 2011

6. Division Recommendation:

This recommendation was approved at the March 24, 2011 meeting of the Business and Technology Division.

7. Academic Affairs Staff: Date:

Recommended: Not Recommended:

Comments:

8. VP/Academic Affairs: Date:

Recommended: Not Recommended:

Comments:

9. Academic Affairs Committee: Date:

Recommended: Not Recommended:

Comments:

10. VP/Academic Affairs: Date:

Approved: Not Approved:

Comments:

Quinsigamond Community College

Course Revision Proposal

<b>Type of revision:</b>									
<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>	Corequisite	Number	Title	# Credits	Elective Type
Other (explain)									
<b>Course Discipline or Department:</b> Basic Engineering					<b>Division:</b> Business & Technology				
<b>Current Course Title:</b> Statics									
<b>Current Course Number:</b> ERG 221									
<b>Current Course Description (as it appears in the College catalog):</b>									
<p>ERG 221 Statics – 3 credits                  This course covers a vector approach in studying static systems. Areas of study include the resultant of concentrated and distributed force systems, two and three-dimensional equilibrium, trusses, plane friction, centeroids, and moments of inertia. Students learn how to use integral equations to determine centeroids and moments of inertia for various geometrical shapes and derive and graph equations of shear and moment.                  Prerequisites: MAT 234, PHY 105, PHY 106                  Corequisite: MAT 235. F/IN</p>									
<b>Proposed Description (include all proposed changes):</b>									
<p>ERG 221 Statics – 3 credits                  This course covers a vector approach in studying static systems. Areas of study include the resultant of concentrated and distributed force systems, two and three-dimensional equilibrium, trusses, plane friction, centeroids, and moments of inertia. Students learn how to use integral equations to determine centeroids and moments of inertia for various geometrical shapes and derive and graph equations of shear and moment.                  Corequisite: MAT 235, PHY 106. F/IN</p>									
<b>Rationale for the change:</b>									
<ol style="list-style-type: none"> <li>1. Rationale for dropping MAT 234 and PHY 105 as prerequisites - The current prerequisites of MAT 234 and PHY 105 are already assumed with PHY 106 (which has prerequisites of PHY 105 and MAT 234).</li> <li>2. Rationale for changing PHY 106 from prerequisite to co-requisite – This allows students to take both ERG 221 and PHY 106 within the same semester as defined in the Basic Engineering curriculum.</li> </ol>									
<b>For change in the number of credits, provide a description of the change in course content.</b>									
n/a									
<b>Does the proposed change affect another department?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
<b>If yes, explain, and please confer with the coordinator of the affected department.</b>									
<b>If this change affects a program grid, please submit a Program Revision Proposal.</b>									

**BASIC ENGINEERING - Associate in Science (Study Option: BE)**

Current

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
Principles of Chemistry I	CHM 103	F/S/SU			4	Coreq-MAT 123
C++ for Scientists & Engineers	CSC 221	F/S/SU			3	MAT 124, Coreq-MAT 233 recommended
English Composition & Literature I	ENG 101	F/S/SU			3	ENG 100
Engineering Graphics	ERG 101	F/S/SU			3	MAT 099
Calculus I	MAT 233	F/S/SU			4	MAT 124
<b>Semester 2</b>						
Principles of Chemistry II	CHM 104	F/S/SU			4	CHM 103
English Composition & Literature II	ENG 102	F/S/SU			3	ENG 101
Calculus II	MAT 234	F/S/SU			4	MAT 233
General Physics I	PHY 105	S/SU			4	MAT 233
Social Science Elective	---				3	
<b>Semester 3</b>						
Introduction to Materials Science	ERG 211	F/SU			3	CHM 103, PHY 105
<b>Statics</b>	<b>ERG 221</b>	<b>F/IN</b>			<b>3</b>	<b>MAT 234, PHY 105, PHY 106, Coreq-MAT 235</b>
Calculus III	MAT 235	F			4	MAT 234
Probability & Statistics for Engineers & Scientists	MAT 237	F/SU			3	MAT 233
General Physics II	PHY 106	F/SU			4	MAT 234, PHY 105
<b>Semester 4</b>						
Thermodynamics	ERG 223	S			3	CHM 104, MAT 235, PHY 106
Strength of Materials	ERG 225	S			3	ERG 221, MAT 235, Coreq-MAT 238
Differential Equations	MAT 238	S/SU			3	MAT 235
Linear Algebra	MAT 243	S/SU			3	Coreq-MAT 238
General Physics III	PHY 205	S/SU			4	MAT 235, PHY 106, Coreq-MAT 238
<b>Total credits required</b>					<b>68</b>	

**BASIC ENGINEERING - Associate in Science (Study Option: BE)**

Proposed

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
Principles of Chemistry I	CHM 103	F/S/SU			4	Coreq-MAT 123
C++ for Scientists & Engineers	CSC 221	F/S/SU			3	MAT 124, Coreq-MAT 233 recommended
English Composition & Literature I	ENG 101	F/S/SU			3	ENG 100
Engineering Graphics	ERG 101	F/S/SU			3	MAT 099
Calculus I	MAT 233	F/S/SU			4	MAT 124
<b>Semester 2</b>						
Principles of Chemistry II	CHM 104	F/S/SU			4	CHM 103
English Composition & Literature II	ENG 102	F/S/SU			3	ENG 101
Calculus II	MAT 234	F/S/SU			4	MAT 233
General Physics I	PHY 105	S/SU			4	MAT 233
Social Science Elective	---				3	
<b>Semester 3</b>						
Introduction to Materials Science	ERG 211	F/SU			3	CHM 103, PHY 105
<b>Statics</b>	<b>ERG 221</b>	<b>F/IN</b>			<b>3</b>	<b>Coreq-MAT 235, PHY 106</b>
Calculus III	MAT 235	F			4	MAT 234
Probability & Statistics for Engineers & Scientists	MAT 237	F/SU			3	MAT 233
General Physics II	PHY 106	F/SU			4	MAT 234, PHY 105
<b>Semester 4</b>						
Thermodynamics	ERG 223	S			3	CHM 104, MAT 235, PHY 106
Strength of Materials	ERG 225	S			3	ERG 221, MAT 235, Coreq-MAT 238
Differential Equations	MAT 238	S/SU			3	MAT 235
Linear Algebra	MAT 243	S/SU			3	Coreq-MAT 238
General Physics III	PHY 205	S/SU			4	MAT 235, PHY 106, Coreq-MAT 238
<b>Total credits required</b>					<b>68</b>	

QUINSIGAMOND COMMUNITY COLLEGE

**COURSE REVISION PROPOSAL**

1. **Course Name & Number : CHM 201 Organic Chemistry I**

2. **Originator: Dilip Patel**

**Date: March 8, 2011**

3. **Division Dean: Nancy Schoenfeld**

**Date: March 24, 2011**

4. **Brief Description of the Proposal:**

The Department of Natural Sciences proposes to change the pre-requisite for the course CHM 201 Organic Chemistry I from CHM 103 to CHM 106 General Chemistry II or CHM 124 Chemistry for Engineers II.

**Effective Date: Fall 2011**

5. **Division Recommendation: The Human Services & Science Division recommends approval of prerequisite change for CHM 201 at the 3/24/11 Division meeting.**

6. **Academic Affairs Staff:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

7. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

8. **Academic Affairs Committee:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

9. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Approved:** \_\_\_\_\_ **Not Approved:** \_\_\_\_\_

**Comments:**

## Course Revision Proposal

Type of Revision: <input type="checkbox"/> Description <input checked="" type="checkbox"/> Prerequisite <input type="checkbox"/> corequisite <input type="checkbox"/> Number <input type="checkbox"/> Title <input type="checkbox"/> #credits <input type="checkbox"/> Elective type <input type="checkbox"/> other (explain)
Course Discipline or Department: Natural Sciences   Division: Human Services and Science
Current Course Title: Organic Chemistry I
Course Number: CHM 201
Course Description (as it appears in the college catalog):  <p><b>CHM 201 Organic Chemistry I - 4 credits</b>                  This course introduces the chemistry of carbon compounds for students pursuing a career in medicine, chemistry, or modern biology by examining the relationship between organic chemistry and biology. Topics include the chemistry of the carbon atom; the structure, physical properties and reactivity of the important classes of organic compounds; stereochemistry; and IR spectroscopy. Laboratory topics include chromatography, isolation and crystallization, fractional distillation, and basic organic reactions. Three hours lecture, three hours laboratory.  <b>prerequisite: CHM 103</b></p>
Proposed Description (include all proposed changes):  <p><b>CHM 201 Organic Chemistry I - 4 credits</b>                  This course introduces the chemistry of carbon compounds for students pursuing a career in medicine, chemistry, or modern biology by examining the relationship between organic chemistry and biology. Topics include the chemistry of the carbon atom; the structure, physical properties and reactivity of the important classes of organic compounds; stereochemistry; and IR spectroscopy. Laboratory topics include chromatography, isolation and crystallization, fractional distillation, and basic organic reactions. Three hours lecture, three hours laboratory.  <b>prerequisite: CHM 106 OR CHM 124</b></p>
Rationale for the change:  <p>The current pre-requisite for CHM 201 is CHM 103. Since the last time CHM 201 was offered there has been revision of the chemistry curriculum: a new sequence of general chemistry, CHM 105 General Chemistry I and CHM 106 General Chemistry II has been created and CHM 103/104 has been renumbered to CHM 123/124. In both revised chemistry sequences organic chemistry is not introduced until the second semester. To facilitate student success and also to better align with the chemistry curriculum at four year institutions, the department proposes that CHM 106 General Chemistry II OR CHM 124 Chemistry for Engineers II serve as the pre-requisite for CHM 201 Organic Chemistry I.</p>
For change in the number of credits, provide a description of the change in course content.
Does the proposed change affect another department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, explain and please confer with the coordinator of the affected department.
If this change affects a program grid, please submit a Program Revision Proposal.

QUINSIGAMOND COMMUNITY COLLEGE

**COURSE REVISION PROPOSAL**

1. **Course Name & Number :** HUM 231: Movies, Politics and the Critics

2. **Originator:** Karl Anderson

**Date:** October 21, 2010

3. **Division Dean:** Nicole Carrier

**Date:** October 21, 2010

4. **Brief Description of the Proposal:**

To retire HUM 231: Movies, Politics and the Critics

5. **Effective Date:** Spring, 2011

6. **Division Recommendation:**

This recommendation was voted and approved at the March 24, 2011 Humanities Division Meeting.

7. **Academic Affairs Staff:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

8. **VP/Academic Affairs:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

9. **Academic Affairs Committee:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

10. **VP/Academic Affairs:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Approved:** \_\_\_\_\_ **Not Approved:** \_\_\_\_\_

**Comments:**

Quinsigamond Community College  
**Course Revision Proposal**

Type of Revision: <input type="checkbox"/> Description <input type="checkbox"/> Prerequisite <input type="checkbox"/> Corequisite <input type="checkbox"/> Number <input type="checkbox"/> Title <input type="checkbox"/> #credits <input type="checkbox"/> Elective Type <input checked="" type="checkbox"/> other (explain)	
Course Discipline or Department: Humanities	Division: Humanities
Current Course Title: Movies, Politics and the Critics	
Current Course Number: HUM 231	
Current Course Description (as it appears in the college catalog):  <p><b>HUM 231 The Movies, Politics, &amp; the Critics - 3 credits</b>          This course introduces the terminology of filmmaking, basic principles of film criticism, and various Hollywood political controversies. Students explore topics such as montage, auteur theory, censorship, blacklisting, etc., and analyze works according to prescribed standards for film reviews. Students also examine major artistic, financial, and sociological innovations in the film making industry.  <b>Prerequisite:</b> ENG 101. SU</p>	
Proposed Description (include all proposed changes):  <p>To retire course</p>	
Rationale for the change:  <p>The division has recently voted to create a new film course, Celluloid History: A Survey of Hollywood Film 1920 to Present, which is a more appropriate course for QCC students. The HUM 231 (HUM 231 The Movies, Politics, and the Critics) course is a more advanced film studies course that would be better offered as a “special topic”. Our students do not yet have the necessary skills and film language to discuss film at a level HUM 231 requires. The new course proposes to offer students a systematic and comprehensive, chronologically organized overview—analagous in type to existing literature survey courses--of the development and evolution of the art of Hollywood film-making. The new film course is an introduction to film studies where HUM 231 is a film course that requires students already be familiar with film studies.</p>	

QUINSIGAMOND COMMUNITY COLLEGE

**COURSE REVISION PROPOSAL**

1. **Course Name & Number :** PHI 131 Man and Morality: Introduction to Ethics

2. **Originator:** Karl Anderson **Date:** 3/7/2011

3. **Division Dean:** Nicole Currier **Date:** 3/7/2011

4. **Brief Description of the Proposal:**

The Humanities Committee wishes to have the course changed to PHI 131: Introduction to Ethics

5. **Effective Date:** Fall 2012

6. **Division Recommendation:**

This recommendation was voted and approved at the March 24, 2011 Humanities Division Meeting.

7. **Academic Affairs Staff:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

8. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

9. **Academic Affairs Committee:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

10. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Approved:** \_\_\_\_\_ **Not Approved:** \_\_\_\_\_

**Comments:**



QUINSIGAMOND COMMUNITY COLLEGE

**COURSE REVISION PROPOSAL**

1. **Course Name & Number:** MAT 112, Math for Educators II

2. **Originator:** Maureen Woolhouse

**Date:** 3/8/11

3. **Division Dean:** James Brown

**Date:** 3/24/11

4. **Brief Description of the Proposal:**

The purpose of the change in this course's description was to enhance the course's transferability to Worcester State University and thereby facilitate the transfer of Early Childhood and General Studies Elementary Education majors.

5. **Effective Date:** Fall 2011

6. **Division Recommendation:** The Math and Social Sciences Division approved this proposal at the March 24, 2011 meeting.

7. **Academic Affairs Staff:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

8. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

9. **Academic Affairs Committee:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Recommended:** \_\_\_\_\_ **Not Recommended:** \_\_\_\_\_

**Comments:**

10. **VP/Academic Affairs:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Approved:** \_\_\_\_\_ **Not Approved:** \_\_\_\_\_

**Comments:**

Quinsigamond Community College  
**Course Revision Proposal**

Type of Revision: <input checked="" type="checkbox"/> Description <input type="checkbox"/> Prerequisite <input type="checkbox"/> Corequisite <input type="checkbox"/> Number <input type="checkbox"/> Title <input type="checkbox"/> #credits <input type="checkbox"/> Elective Type <input type="checkbox"/> other (explain)	
Course Discipline or Department: Mathematics	Division: Math & Social Science
Current Course Title: Mathematics for Educators II	
Current Course Number :MAT 112	
Current Course Description (as it appears in the college catalog):  <p>This course continues the comprehensive focus on the critical Mathematics concepts necessary for students who are pursuing an Early Childhood and/or General Studies Elementary Education degree. Students construct and apply problem solving techniques to solve problems, develop an understanding of mathematical relationships using equations, draw conclusions based upon geometric patterns and interpret data. A review of the fundamental concepts of functions and algebra is emphasized. Students develop a deep level of understanding of functions from an algebraic and graphical perspective in order to become successful elementary and middle school teachers. Other topics may include geometry, measurement, statistics and probability. Instructor modeling is an integral component of the course.</p> <p><b>Prerequisite: MAT 111. Restricted to General Studies-Elementary Education Transfer Option and ECE students. S</b></p>	
Proposed Description (include all proposed changes):  <p>This course continues the comprehensive focus on the critical Mathematics concepts necessary for students who are pursuing an Early Childhood and/or General Studies Elementary Education degree. Students develop an understanding of the principles of Euclidean geometry and use them to prove theorems. In addition, students apply Euclidean geometry to analyze the characteristics and properties of two and three-dimensional shapes, coordinate geometry, and transformations. Fundamental principles of probability and statistics explored. Students develop a deep level of understanding of geometry, probability, and statistics in order to become successful elementary and middle school teachers. Instructor modeling is an integral component of the course.</p> <p><b>Prerequisite: MAT 111. Restricted to General Studies-Elementary Education Transfer Option and ECE students. S</b></p>	
Rationale for the change:  <p>After close consultation with Worcester State University, the changes were made to better effect transfer of Early Childhood and/or General Studies Elementary Education majors.</p>	
For change in the number of credits, provide a description of the change in course content.	
Does the proposed change affect another department?    Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If yes, explain and please confer with the coordinator of the affected department.	
If this change affects a program grid, please submit a Program Revision Proposal.	

QUINSIGAMOND COMMUNITY COLLEGE

COURSE REVISION PROPOSAL

1. Course Name & Number : PSY 115 - Self Assessment and Career Planning

2. Originator: Maura Stickles Date: 11/23/2010

3. Division Dean: James Brown Date: 2/17/11

4. Brief Description of the Proposal:

The course description revision accurately reflects the curriculum changes and revisions that have been implemented during the Fall 2010 semester and change the prerequisite from ENG 090 and ENG 095 or appropriate placement score to a Corequisite of ENG 100 or appropriate placement score.

5. Effective Date: Summer 2011

6. Division Recommendation: The Math and Social Sciences Division approved this proposal at the February 17, 2011 meeting.

7. Academic Affairs Staff: \_\_\_\_\_ Date: \_\_\_\_\_

Recommended: \_\_\_\_\_ Not Recommended: \_\_\_\_\_

Comments: AA Staff suggested a change of prerequisites from the prerequisite of ENG 090 and ENG 095 or appropriate placement score to ENG 091 and ENG 096 or appropriate placement score and this change was accepted by the PSY Coordinator.

8. VP/Academic Affairs: \_\_\_\_\_ Date: \_\_\_\_\_

Recommended: \_\_\_\_\_ Not Recommended: \_\_\_\_\_

Comments:

9. Academic Affairs Committee: \_\_\_\_\_ Date: \_\_\_\_\_

Recommended: \_\_\_\_\_ Not Recommended: \_\_\_\_\_

Comments:

10. VP/Academic Affairs: \_\_\_\_\_ Date: \_\_\_\_\_

Approved: \_\_\_\_\_ Not Approved: \_\_\_\_\_

Comments:

## Course Revision Proposal

Type of Revision: <input checked="" type="checkbox"/> Description <input type="checkbox"/> Prerequisite <input checked="" type="checkbox"/> Corequisite <input type="checkbox"/> Number <input type="checkbox"/> Title <input type="checkbox"/> #credits <input type="checkbox"/> Elective Type <input type="checkbox"/> other (explain)	
Course Discipline or Department: Psychology	Division: Math and Social Sciences
Current Course Title: Self Assessment and Career Planning	
Current Course Number: PSY 115	
Current Course Description (as it appears in the college catalog):  This course emphasizes self-discovery, the workplace, life decisions, and career/future planning within a multicultural framework. Students explore psychological theories and apply those theories to their own personal situations to formulate career/life plans. Students identify their abilities and explore their values, interests, motives, motivations, behaviors, personalities, and interaction styles. Students acquire and develop skills for career planning, job searching, and understanding job satisfaction to develop a Career Life Plan (CAPS Plan).  Prerequisite: ENG 090 and ENG 095 or appropriate placement score. F/S/SU	
Proposed Description (include all proposed changes):  This course emphasizes self-discovery, the workplace, life decisions, and career/future planning within a multicultural framework. Students explore psychological theories and apply those theories to their own personal situations to formulate career/life plans. Students identify their abilities and explore their values, interests, motives, motivations, behaviors, personalities, and interaction styles. Students acquire and develop skills for career planning, job searching and understanding job satisfaction. Students develop an e-portfolio that integrates information developed through the self-assessment and career development process.  Prerequisite: ENG 091 and ENG 096 or appropriate placement score. F/S/SU	
Rationale for the change: The course description changes reflect the course curriculum revisions that have been integrated over the past semester. The development of an e portfolio that integrates self assessment and career development is a new course requirement.  In addition, students enrolled in the General Studies program are required to complete either PSY 115 or ORT 110. The pre requisite has been changed for PSY 115 from ENG 090 and ENG 095 or appropriate Placement score to ENG 091 and ENG 096 or appropriate. Placement score. No change for the ORT 110 pre requisite.	
For change in the number of credits, provide a description of the change in course content. Not applicable	
Does the proposed change affect another department?   Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, explain and please confer with the coordinator of the affected department. Business Adm/Career-Certificate	
If this change affects a program grid, please submit a Program Revision Proposal	

**CURRENT**

**GENERAL STUDIES - Associate in Arts (Program Code: GS)**

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
English Composition & Literature I	ENG 101	F/S/SU			3	ENG 100 or approp place score
Behavioral Science Elective	---	F/S/SU			3	
College Algebra† or Topics in Mathematics† or Statistics†	MAT 100 MAT 121 MAT 122	F/S/SU F/S F/S/SU			3	MAT 099 or approp place score MAT 099 or approp place score MAT 099 or approp place score
Strategies for College & Career‡ or Self Assessment & Career Planning‡	ORT 110 PSY 115	F/S/SU F/S/SU			3	ENG 090, ENG 095 or approp place score
Critical Thinking & Problem Solving	HUM 101	F/S/SU			3	ENG 100 or approp place score
<b>Semester 2</b>						
English Composition & Literature II	ENG 102	F/S/SU			3	ENG 101
History Elective	HST ---	F/S/SU			3	
Career ElectiveΩ	---	F/S/SU			3	
Career Electiveθ	---	F/S/SU			3	
Elective	---	F/S/SU			3	
<b>Semester 3</b>						
Speech Communication Skills	SPH 101	F/S/SU			3	Coreq-ENG 101
Career ElectiveΩ	---	F/S/SU			3	
Humanities Elective	---	F/S/SU			3	
Laboratory Science Elective	---	F/S/SU			4	
Social Science Elective	---	F/S/SU			3	
<b>Semester 4</b>						
Humanities Elective*	---	F/S/SU			3	
Laboratory Science Elective	---	F/S/SU			4	
Social Science Elective	---	F/S/SU			3	
Career ElectiveΩ	---	F/S/SU			3	
Elective*	---	F/S/SU			3	
Total credits required					62	

**The Degree:**  
Associate in Arts

**The Program:**  
General Studies

**Admission Requirements:**  
High School Diploma or GED  
(refer to page 9)

**The Next Step:**  
Enter the workforce based on career emphasis or transfer to a four-year program. This is a statewide MassTransfer approved program. Former joint admissions program. More information on transfer is available on pages 20-21 or at [www.gcc.mass.edu/transfer](http://www.gcc.mass.edu/transfer). This program has transfer articulation agreements.

**Program Coordinator:**  
Marilyn Martin 508.854.4374  
[marilynm@gcc.mass.edu](mailto:marilynm@gcc.mass.edu)

**Program Notes:**  
This program can be completed at the Southbridge location.  
†In order to meet QCC graduation requirements, learner must complete MAT 100, MAT 121, MAT 122 or any college level MAT course. In order to meet the requirements of MassTransfer, learner must complete MAT 121 or higher.  
‡PSY 115 is recommended for students placing into ENG 100 or ENG 101. ORT 110 is recommended for students placing into ENG 090, ENG 091, ENG 095, ENG 096 or ESL courses. NOTE: Students with a CAPS Plan in place have met this requirement and can take an elective. Students must complete a CAPS Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program.

Continued

**Program Notes Continued:**

**ΩCareer Electives are:**

- a. Courses with the objective of preparing students for a specific occupation or semester of occupations.
- b. Courses that have been recommended based upon the student's CAPS Plan.

NOTE: Student must complete a CAPS Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program. Courses that meet developmental, core, or general education requirements are not career electives.

θSuggested course designations include: CIS, CSC and APA

\*200 level course

PROPOSED

GENERAL STUDIES - Associate in Arts (Program Code: GS)

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
English Composition & Literature I	ENG 101	F/S/SU			3	ENG 100 or approp place score
Behavioral Science Elective	---	F/S/SU			3	
College Algebra† or Topics in Mathematics† or Statistics†	MAT 100 MAT 121 MAT 122	F/S/SU F/S F/S/SU			3	MAT 099 or approp place score MAT 099 or approp place score MAT 099 or approp place score
Strategies for College & Career‡ or Self Assessment & Career Planning‡	ORT 110 PSY 115	F/S/SU F/S/SU			3	ENG 091, ENG 096 or approp place score
Critical Thinking & Problem Solving	HUM 101	F/S/SU			3	ENG 100 or approp place score
<b>Semester 2</b>						
English Composition & Literature II	ENG 102	F/S/SU			3	ENG 101
History Elective	HST ---	F/S/SU			3	
Career ElectiveΩ	---	F/S/SU			3	
Career Electiveθ	---	F/S/SU			3	
Elective	---	F/S/SU			3	
<b>Semester 3</b>						
Speech Communication Skills	SPH 101	F/S/SU			3	Coreq-ENG 101
Career ElectiveΩ	---	F/S/SU			3	
Humanities Elective	---	F/S/SU			3	
Laboratory Science Elective	---	F/S/SU			4	
Social Science Elective	---	F/S/SU			3	
<b>Semester 4</b>						
Humanities Elective*	---	F/S/SU			3	
Laboratory Science Elective	---	F/S/SU			4	
Social Science Elective	---	F/S/SU			3	
Career ElectiveΩ	---	F/S/SU			3	
Elective*	---	F/S/SU			3	
Total credits required					62	

**The Degree:**  
Associate in Arts

**The Program:**  
General Studies

**Admission Requirements:**  
High School Diploma or GED  
(refer to page 9)

**The Next Step:**  
Enter the workforce based on career emphasis or transfer to a four-year program. This is a statewide MassTransfer approved program. Former joint admissions program. More information on transfer is available on pages 20-21 or at [www.gcc.mass.edu/transfer](http://www.gcc.mass.edu/transfer). This program has transfer articulation agreements.

**Program Coordinator:**  
Marilyn Martin 508.854.4374  
[marilynm@gcc.mass.edu](mailto:marilynm@gcc.mass.edu)

**Program Notes:**  
This program can be completed at the Southbridge location.  
†In order to meet QCC graduation requirements, learner must complete MAT 100, MAT 121, MAT 122 or any college level MAT course. In order to meet the requirements of MassTransfer, learner must complete MAT 121 or higher.  
‡PSY 115 is recommended for students placing into ENG 100 or ENG 101. ORT 110 is recommended for students placing into ENG 090, ENG 091, ENG 095, ENG 096 or ESL courses. NOTE: Students with a CAPS Plan in place have met this requirement and can take an elective. Students must complete ORT 110 or PSY 115 or a CAPS II Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program.

**Program Notes Continued:**

**ΩCareer Electives are:**

- a. Courses with the objective of preparing students for a specific occupation or semester of occupations.
- b. Courses that have been recommended based upon the student's CAPS Plan.

NOTE: Student must complete a CAPS Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program. Courses that meet developmental, core, or general education requirements are not career electives.

θSuggested course designations include: CIS, CSC and APA

\*200 level course

CURRENT

GENERAL STUDIES-Associate in Arts - Health Care Option (Program Code: GSHC)

Course Title	Course #	Offered	Plan to take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
English Composition & Literature I	ENG 101				3	ENG 100 or approp place score
Introduction to Psychology	PSY 101				3	Coreq-ENG 100 or approp place score
General Biology **	BIO 101				4	"C" or better in MAT 095 on the Depart. Exam or approp place score Coreq ENG 101
Self Assessment & Career Planning‡ or Strategies for College and Career	PSY 115				3	ENG 090, ENG 095 or approp place score
Critical Thinking & Problem Solving	ORT 110				3	ENG 100 or approp place score
	HUM 101				3	ENG 100 or approp place score
<b>Semester 2</b>						
English Composition & Literature II	ENG 102				3	ENG 101
Statistics	MAT 122				3	MAT 099 or approp place score
Introduction to Medical Terminology	ALH 102				3	Coreq – ENG 100 or approp place score
Intro to Phamacology for Allied Health Prof	ALH 103				3	ENG 100 or approp place score
Anatomy & Physiology I	BIO 111				4	BIO 101
<b>Semester 3</b>						
Speech Communication Skills	SPH 101				3	Coreq-ENG 101
Technical & Workplace Writing	ENG 205				3	ENG 102 Computer Literacy
Valuing Diversity	IDS 101				3	ENG 100 or approp place score
Anatomy & Physiology II	BIO 112				4	BIO 111
Intro. to Sociology or	SOC 101	F/S				Coreq-ENG 100 or approp place score
Social Problems & Social Change	SOC 111				3	Coreq-ENG 100 or approp place score
<b>Semester 4</b>						
Humanities Elective*	---				3	
History Elective	HST ---				3	
Elective ***	---				3	
Bioethics	IDS 215				3	ENG 100 or approp place score
Pathophysiology	BIO 221				3	BIO 112
Total credits required					63	

**The Degree:**  
Associate in Arts

**The Program:**  
General Studies - Health Care Option

**Admission Requirements:**

- High School Diploma or GED (refer to page 9)

**The Next Step:**

- Enter a healthcare program at QCC or another college. Obtain a Bachelor's Degree through a four-year institution.
- This is a statewide MassTransfer approved program
- More information on transfer is available on pages 20-21 or at [www.qcc.mass.edu/transfer](http://www.qcc.mass.edu/transfer)

**Program Coordinator:**  
Barbara Dawidjan 508.854.4486  
[bdawidjan@qcc.mass.edu](mailto:bdawidjan@qcc.mass.edu)

**Technical Standards:**  
There are no specific Technical Performance Standards defined for this program.

**Program Notes:**

‡PSY 115 is recommended for students placing into ENG 100 or ENG 101. ORT 110 is recommended for students placing into ENG 090, ENG 091, ENG 095, ENG 096 or ESL courses.

NOTE: Students with a CAPS Plan in place have met this requirement and can take an elective instead. Students must complete a CAPS Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program.

\*Humanities elective must be \*200 level course.

\*\* If BIO 101 is not needed (if prerequisite for BIO 111 is met some other way) then student should either select CHM 101 if Dental Hygiene is the goal or BIO 232 if nursing, or Respiratory Care.

\*\*\* Suggest:  
CHC 150 and/or  
CHC 151 Fundamentals of Complementary Health and/or  
CHC 250 World Medicine and/or  
CIS 111 Introduction to Microcomputer Applications  
BIO 241 Nutrition

**PROPOSED**

**GENERAL STUDIES-Associate in Arts - Health Care Option (Program Code: GSHC)**

Course Title	Course #	Offered	Plan to take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
English Composition & Literature I	ENG 101				3	ENG 100 or approp place score Coreq-ENG 100 or approp place score "C" or better in MAT 095 on the Depart. Exam or approp place score Coreq ENG 101 ENG 091, ENG 096 or approp place score ENG 100 or approp place score
Introduction to Psychology	PSY 101				3	
General Biology **	BIO 101				4	
Self Assessment & Career Planning‡ or Strategies for College and Career	PSY 115 ORT 110				3	
Critical Thinking & Problem Solving	HUM 101				3	
<b>Semester 2</b>						
English Composition & Literature II	ENG 102				3	ENG 101 MAT 099 or approp place score Coreq – ENG 100 or approp place score ENG 100 or approp place score BIO 101
Statistics	MAT 122				3	
Introduction to Medical Terminology	ALH 102				3	
Intro to Phamacology for Allied Health Prof	ALH 103				3	
Anatomy & Physiology I	BIO 111				4	
<b>Semester 3</b>						
Speech Communication Skills	SPH 101				3	Coreq-ENG 101 ENG 102 Computer Literacy ENG 100 or approp place score BIO 111 Coreq-ENG 100 or approp place score Coreq-ENG 100 or approp place score
Technical & Workplace Writing	ENG 205				3	
Valuing Diversity	IDS 101				3	
Anatomy & Physiology II	BIO 112				4	
Intro. to Sociology or	SOC 101	F/S				
Social Problems & Social Change	SOC 111				3	
<b>Semester 4</b>						
Humanities Elective*	---				3	ENG 100 or approp place score BIO 112
History Elective	HST ---				3	
Elective ***	---				3	
Bioethics	IDS 215				3	
Pathophysiology	BIO 221				3	
Total credits required					<b>63</b>	

**The Degree:**  
Associate in Arts

**The Program:**  
General Studies - Health Care Option

**Admission Requirements:**

- High School Diploma or GED (refer to page 9)

**The Next Step:**

- Enter a healthcare program at QCC or another college. Obtain a Bachelor's Degree through a four-year institution.
- This is a statewide MassTransfer approved program
- More information on transfer is available on pages 20-21 or at [www.qcc.mass.edu/transfer](http://www.qcc.mass.edu/transfer)

**Program Coordinator:**

Barbara Dawidjan 508.854.4486  
[bdawidjan@qcc.mass.edu](mailto:bdawidjan@qcc.mass.edu)

**Technical Standards:**

There are no specific Technical Performance Standards defined for this program.

**Program Notes:**

‡PSY 115 is recommended for students placing into ENG 100 or ENG 101. ORT 110 is recommended for students placing into ENG 090, ENG 091, ENG 095, ENG 096 or ESL courses.

NOTE: Students with a CAPS Plan in place have met this requirement and can take an elective instead. Students must complete a CAPS Plan prior to the completion of twenty credits in order to register for additional courses in the General Studies Program.

\*Humanities elective must be \*200 level course.

\*\* If BIO 101 is not needed (if prerequisite for BIO 111 is met some other way) then student should either select CHM 101 if Dental Hygiene is the goal or BIO 232 if nursing, or Respiratory Care.

\*\*\* Suggest:  
CHC 150 and/or  
CHC 151 Fundamentals of Complementary Health and/or  
CHC 250 World Medicine and/or  
CIS 111 Introduction to Microcomputer Applications  
BIO 241 Nutrition

**CURRENT**

**BUSINESS ADMINISTRATION/CAREER – Certificate - Business Administration (Program Code: BAC)**

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
Introduction to Microcomputer Applications or Advanced Microcomputer Applications	CIS 111	F/S/SU			3	CIS 111
	CIS 112	F/S				
English Composition & Literature I	ENG101	F/S/SU			3	ENG 100
Math Elective*	MAT ---				3	MAT 099 or approp place score
Introduction to Business Self-Assessment & Career Planning	MGT101	F/S/SU			3	ENG 100
	PSY 115	F/S			3	ENG 090 and ENG 095 or approp place score
<b>Semester 2</b>						
Financial Accounting I	ACC101	F/S/SU			3	ENG 100 or approp place score, MAT 090
Integrated Communications for Business	BUS 201	F/S/SU			3	CIS 111, ENG 101
	BSL 101	F/S/SU			3	Coreq-CIS 111
Business Law I or E-Business Law & Ethics	BSL 103	F/S				
Business Elective**	---				3	
<b>Total credits required</b>					<b>27</b>	

**The Certificate:**  
Business Administration

**The Program:**  
Business Administration-Career

**Admission Requirements:**  
High School Diploma or GED  
(refer to page 9)

**The Next Step:**  
Enter the workforce or enter the Business Administration Associate Degree program.

**Program Coordinator:**  
Jean McLean 508.854.4410  
[jmclean@qcc.mass.edu](mailto:jmclean@qcc.mass.edu)

**Program Notes:**  
Students should note that many required courses have ENG and/or MAT prerequisites.  
This program can be completed at the Southbridge location.

\*MAT 100 or higher  
\*\*Students may select any Business elective as identified on page170 of the College catalog.

**Technical Performance Standards:**  
There are no specific Technical Performance Standards defined for this program.

PROPOSED

BUSINESS ADMINISTRATION/CAREER – Certificate - Business Administration (Program Code: BAC)

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
<b>Semester 1</b>						
Introduction to Microcomputer Applications or Advanced Microcomputer Applications	CIS 111	F/S/SU			3	CIS 111
	CIS 112	F/S				
English Composition & Literature I	ENG101	F/S/SU			3	ENG 100
Math Elective*	MAT ---				3	MAT 099 or approp place score
Introduction to Business Self-Assessment & Career Planning	MGT101	F/S/SU			3	ENG 100
	PSY 115	F/S			3	ENG 091 and ENG 096 or approp place score
<b>Semester 2</b>						
Financial Accounting I	ACC101	F/S/SU			3	ENG 100 or approp place score, MAT 090
Integrated Communications for Business	BUS 201	F/S/SU			3	CIS 111, ENG 101
	BSL 101	F/S/SU			3	Coreq-CIS 111
Business Law I or E-Business Law & Ethics	BSL 103	F/S				
Business Elective**	---				3	
<b>Total credits required</b>					<b>27</b>	

**The Certificate:**  
Business Administration

**The Program:**  
Business Administration-Career

**Admission Requirements:**  
High School Diploma or GED  
(refer to page 9)

**The Next Step:**  
Enter the workforce or enter the Business Administration Associate Degree program.

**Program Coordinator:**  
Jean McLean 508.854.4410  
[jmclean@qcc.mass.edu](mailto:jmclean@qcc.mass.edu)

**Program Notes:**  
Students should note that many required courses have ENG and/or MAT prerequisites.  
This program can be completed at the Southbridge location.

\*MAT 100 or higher  
\*\*Students may select any Business elective as identified on page170 of the College catalog.

**Technical Performance Standards:**  
There are no specific Technical Performance Standards defined for this program.