Pharmacy Technician - Certificate Program Proposal, Narrative, & Grid

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2012-2013
QUINSIGAMOND COMMUNITY COLLEGE
NEW DEGREE PROGRAM OR NEW CERTIFICATE
PROPOSAL

Program: Pharmacy Technician
Division: Healthcare
Degree type: Certificate
CIP code for the degree program or certificate (check with IRaP Office): 51.0805
Attachments: Proposed program grid
Submit separate proposals for any new courses or revised courses in the program.

Provide a rationale for the proposed new program including a narrative for each of the following:
  • How the need for this new program or certificate was determined- Career ladder and Department of Labor grant
  • How the program was designed – Input within the Healthcare Division and Academic Affairs Leadership Team
  • Wage analysis where appropriate; consult with IRaP office
  • How the new program or certificate was reviewed, approved, or developed in conjunction with an advisory board or other external agency – Department of Labor Process Team, Department of Labor Program Team and Academic Affairs Leadership Team
  • Demonstrated regional employer interest in hiring graduates - Yes

List the program goals. To secure employment in a Pharmacy. To continue with education through a career ladder.
Does any aspect of the proposed program affect another department? Please confer with the coordinators of affected departments.   No Affected department(s):
For an associate degree program, does the proposed program meet the general education credit requirement for MassTransfer? If no, please provide a rationale.
Does the program or certificate qualify for financial aid? Check with the Director of Financial Aid and fill out the Gainful Employment Form as needed.
Will any of the following be required: Additional staff _X__   Additional space _X___   Additional equipment _X__ Provide a rationale for any needs indicated and include approximate cost of equipment.
Start-up collection of library resources in support of this program: $2,500

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 Pharmacy Technician		Supporting course(s)	I, M, E
1	Students will write effectively.	ENG 100	I
2	Students will gain an understanding of basic microcomputer applications.	CIS 111	I
3	Student will understand the health professions.	ALH 101	I
4	Students will have a basic understanding of basic structure and function of the human body.	BIO 100	I
5	Students will understand and demonstrate skills specific to pharmacy protocols.	ALH 137 ALH 138	I
6			
7			
8			
9			
10			

For a degree program, indicate the courses that fulfill the General Education Student Learning Outcomes.

GENERAL EDUCATION STUDENT LEARNING OUTCOMES FOR Pharmacy Technician	Supporting course(s)	I,M,E
Communication Skills: Students will write and speak effectively.	ENG 100	I
Information Literacy: Students will locate, evaluate and apply reliable and appropriate information.	ENG 100	I
Quantitative Reasoning: Students will apply the concepts and methods of mathematics to solve problems.		
Scientific Reasoning: Students will relate scientific methods of inquiry to the acquisition of knowledge.	ALH 137 ALH 138	I
Technical Literacy: Students will utilize computer an emerging technologies effectively.	CIS 111	I
Aesthetics: Students will appreciate the variety of human experiences as expressed through the arts.		
Multiple Perspectives: Students will demonstrate knowledge and appreciation of diverse cultures.	ALH 137 ALH 138	I I

Ethics: Students will develop an awareness of personal obligations and responsibilities in one's community of influence.	ALH 137 ALH 138	I
Impact of Technology: Students will reflect on the impact of scientific and technological advances on the individual, society and the environment.		
Civic Literacy: Students will demonstrate awareness of the responsibilities of local, national and international citizenship.		

Healthcare Certificate Pharmacy Technician

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
Introduction to the Health Professions	ALH 101	F/S/SU			3	ENG 091 and ENG 096 or appropriate placement score
Introduction to English Composition*	ENG 100	F/S/SU			3	ENG 091 and ENG 096 or appropriate placement score
Introduction to Medical Terminology	ALH 102	F/S/SU			3	Coreq - ENG 100 or appropriate placement score
Introduction to Microcomputer Applications	CIS 111	F/S/SU			3	
Principles of Human Biology	BIO 100	F/S/U			4	ENG 100 or appropriate placement score
Pharmacy Technician	ALH 137	F/S/U			3	MAT090; ENG 091 and ENG 096 or appropriate placement score
Pharmacy Technician Clinical Co-Operative Externship	ALH 138				6	ALH 137
Total credits required					25	

If students complete the Health Certificate, maintain a GPA of 3.0 and meet the admission requirements of a Healthcare program (see Programs of Study listing on pages 51 and 52) they will be guaranteed admission on a space available basis.

*If student meets the ENG 100 based on a placement score, PSY 101 can be substituted.

PHARMACY TECHNICIAN CERTIFICATE

Program Goals
This program provides students with the knowledge needed to prepare for a career as a pharmacy technician.

Student Learning Outcomes
Upon completion of the program graduates will be able to:
- Gain knowledge regarding the laws of pharmacy practice.
- Learn drug names and classification, compounding, calculations, abbreviations and dosage forms.
- Perform various pharmacy technician duties.
- Refine communication and interview skills.
- Assist the pharmacist as directed.

Admissions Process
Admissions inquiries should be directed to admissions@qcc.mass.edu. Prospective students may apply to the program of their choice by following the enrollment steps at the following link: http://www.qcc.edu/pages/Enrollment_Steps.html.

Admissions Requirements
- High School Diploma or GED/High School Equivalency

Students should note that some first semester courses carry minimum prerequisites. Refer to the program grid.

CORI, SORI, Finger Printing & Drug Testing
A Criminal Offenders Record Information (CORI) and Sexual Offenders Record Information (SORI) are required. Finger printing and drug testing may also be required. Students should be aware that a prior or current history of criminal or sexual record could prevent them from participation in the clinical externship.

Additional Cost
See page 30 for program fees for this program. (Note: Not all programs have program fees).

Students should anticipate additional expenses for clinical uniforms, professional liability insurance, clinical parking fees, and materials required in the program.

Location
This program may be completed at the QCC Worcester campus, Southbridge campus, or Grove Street campus.

Technical Performance Standards
See page 17 for technical standards for this program. (Note: Not all programs have technical performance standards).

Credit for Prior Learning
Students enrolled in this program may be able to earn academic credit for prior learning. Please contact the office of Career Placement Services at careerservices@qcc.mass.edu, 508.854.4439, Room 272 A.

Career Outlook
Please consult The Massachusetts Career Information System at http://masscis.intocareers.com/ or The Occupational Outlook Handbook at http://www.bls.gov/oco/ for specific occupational information. The CIP code for this program is 51.0805.

Transfer Articulations & Opportunities
Prospective students may learn more about transfer articulation agreements at the following link: http://www.qcc.mass.edu/transfer/ArticPathways.html. More information regarding transfer opportunities is available at: http://www.qcc.mass.edu/transfer.

Program Contact: pcreelman@qcc.mass.edu

Additional Program Information: For the most up to date information, go to the program website at www.QCC.edu/academics/health-care.
Students accepted into the Pharmacy Technician Certificate program must:
- Provide documentation of immunization currency and satisfactory health status prior to beginning the clinical experiences. Students are required to meet the health requirements as identified on the QCC Health Form. Students who have not been cleared by QCC's Health Care Compliance officer will not be able to participate in the clinical experience.
- This is a great opportunity for students to gain entry-level employment in the healthcare field prior to matriculating into a selective program.
- Must take the college placement test to determine Math and English levels if no college level courses were previously completed.
- Students should note that some first semester courses carry minimum prerequisites. Refer to the program grid.
- Students will increase their chances of obtaining employment by completing both the theoretical course (ALH 137) and the Clinical Externship (ALH 138).

PHARMACY TECHNICIAN CERTIFICATE (Program Code: PT)

Course Title	Course #	Offered	Plan to Take	Grade	Credits	Prerequisites
Semester 1						
Strategies for College and Career*	ORT 110	F/S/SU			3	Coreq: ENG 090 and ENG 095 or approp place score
Introduction to English Composition or	ENG 100	F/S/SU			3	A grade of "C" of higher in ENG 091 and passing the ENG 096 departmental writing final examination essay or approp place score
Introduction to Psychology	PSY 101					ENG 100 or approp place score
Introduction to Medical Terminology	ALH 102	F/S/SU			3	Coreq: ENG 100 or approp place score
Introduction to Microcomputer Applications	CIS 111	F/S/SU			3	
Principles of Human Biology	BIO 100	F/S/SU			4	ENG 100 or approp place score
Pharmacy Technician	ALH 137	F/S/SU			3	A grade of "C" or higher in ENG 091 or approp place score and passing the ENG 096 departmental writing final examination essay or approp place score, MAT 090
Pharmacy Technician Clinical Co-Operative Externship	ALH 138				6	ALH 137
Total Credits Required					25	

Program Notes:

- If students complete the Health Certificate, maintain a GPA of 3.0 and meet the admission requirements of a Healthcare program (see Programs of Study listing) they will be guaranteed admission on a space available basis.

*Students are to take ORT 110 with a Healthcare focus.