



**QUINSIGAMOND**  
Community College

# **ALH 137: Pharmacy Technician – Course Description, Topics, Learning Objectives**

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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: <ul style="list-style-type: none"> <li>• How the need for this new program or certificate was determined- Career ladder and Department of Labor grant</li> <li>• How the program was designed – Input within the Healthcare Division and Academic Affairs Leadership Team</li> <li>• Wage analysis where appropriate; consult with IRaP office</li> <li>• 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</li> <li>• Demonstrated regional employer interest in hiring graduates - Yes</li> </ul>
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 <u>  X  </u> Additional space <u>  X  </u> Additional equipment <u>  X  </u> 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
<i>Total credits required</i>					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.