



Academic Certificate in Emergency Management (CER.3179)

At Bucks County Community College, we use course-level assessment to determine student achievement of program of study goals, which represent the skills, knowledge, abilities, and behaviors that employers expect of program graduates. A series of courses prepares students for employment by providing preparation, practice, and opportunities to show mastery of these program of study goals. Each course is developed around a number of learning goals, known as course goals, that support a student’s growing mastery of program of study goals. Faculty members assess each student’s mastery of each program of study goal through specific assessments that students are required to complete in the courses. Each assessment is scored using criteria specific to the program of study goal being assessed.

Program Measure for Standard of Success:

- 75% or more of students will be successful in meeting the assessment criteria for each course-level assessment.

Program Goal #1 - Manage a public or private sector emergency management plan;

Course #	Aligned course goal (must match current Master Course Outline)	Percentage Successful	Meets Standard
PUBS-104	#3 – Student will analyze the concept of crisis intervention, employee assistance, and critical incident stress debriefing;	Spring 2020: <ul style="list-style-type: none">• Average quiz scores: 88%, 76%, 99%• Average final score: 100%• Average discussion score: 97.3%	YES
PUBS-104	#4 – Student will explain the concept of Critical Incident Stress;	Spring 2020: <ul style="list-style-type: none">• Average quiz scores: 88%, 76%, 99%• Average final score: 100%• Average discussion score: 97.3%	YES
PUBS-104	#5 – Student will identify and describe the concept of crisis communication;	Spring 2020: <ul style="list-style-type: none">• Average quiz scores: 96%, 92%• Average final score: 100%• Average discussion score: 98%	YES
PUBS-104	#6 – Student will describe the importance of media relations and public reactions to disasters; and	Spring 2020: <ul style="list-style-type: none">• Average quiz scores: 84%, 82%, 88%, 99%• Average final score: 100%• Average discussion score: 99%	YES
PUBS-104	#7 – Student will identify and describe emergency worker stress.	Score 2020: <ul style="list-style-type: none">• Average mid-term score: 99%	YES



		<ul style="list-style-type: none"> • Average final score: 100% • Average discussion score: 100% 	
--	--	---	--

Program Goal #2 - Demonstrate and apply the fundamental skills associated with emergency planning, hazard vulnerability analysis, risk assessment, and business impact analysis based on emergency management concepts;

Course #	Aligned course goal (must match current Master Course Outline)	Percentage Successful	Meets Standard
PUBS-206	#1 – Student will analyze the theory and practice of conducting a business continuity and impact analysis using national and international standards;	Fall 2020: 91% successful	YES
PUBS-206	#2 – Student will identify and describe the methodology for completing a hazard vulnerability assessment;	Fall 2020: 93% successful	YES
PUBS-206	#3 – Student will evaluate the role of emergency response in continuity planning;	Fall 2020: 94% successful	YES

Program Goal #3 - Evaluate vulnerabilities to communities and businesses through discussion-based and operations-based exercises;

Course #	Aligned course goal (must match current Master Course Outline)	Percentage Successful	Meets Standard
PUBS-206	#1 – Student will analyze the theory and practice of conducting a business continuity and impact analysis using national and international standards;	Fall 2020: 91% successful	YES
PUBS-206	#2 – Student will identify and describe the methodology for completing a hazard vulnerability assessment;	Fall 2020: 93% successful	YES
PUBS-206	#3 – Student will evaluate the role of emergency response in continuity planning;	Fall 2020: 94% successful	YES

Program Goal #4 - Develop plans for resilience and continuity of essential operations based on after action reviews; and

Course #	Aligned course goal (must match current Master Course Outline)	Percentage Successful	Meets Standard
PUBS-207	#2 – Student will analyze the process of planning, designing, and conducting disaster drills and develop the appropriate documentation;	Spring 2021: Data not yet available	
PUBS-207	#3 – Student will develop and implement an evaluation of disaster drills and emergency management exercises including an after action review;	Spring 2021: Data not yet available	



Program Goal #5 - Apply emergency management principles for the prevention, mitigation, preparedness, response, and recovery to all-hazards.

Course #	Aligned course goal (must match current Master Course Outline)	Percentage Successful	Meets Standard
PUBS-206	#6 – Student will identify and describe the process for coordinating with stakeholders.	Data collection scheduled for Fall 2021	
PUBS-212	#3 – Student will demonstrate and evaluate the role of communication in hazardous materials incidents, man-made disasters, natural disasters, and technological disasters;	Data collection scheduled for Spring 2024	

NOTE: Only students who participate in the course-level assessment are included in the calculation of the percentage successful. These results are incomplete due to a program re-alignment and new assessment plan starting in the Academic Year of Fall 2019.