

YORK COUNTY TECHNICAL COLLEGE





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Associate of Applied Science Degree
in
Emergency & Safety Management

ASSOCIATE OF APPLIED SCIENCE DEGREE REQUIREMENTS: 62 Credits

PROGRAM DESCRIPTION: The two-year Emergency and Safety Management Program leading to an Associate of Applied Science Degree is designed to serve as the focal point for the development and delivery of emergency management training to enhance the capabilities of federal, state and local government officials; volunteer organizations; and the private sector to minimize the impact of disasters on the American public. This program offers a number of training activities that develop operational capabilities and facilitate an effective response in the event of an emergency.

This program provides a degree option and enhanced employment opportunities for those in the program. Emergency management, preparedness, mitigation and planning are very vital professions in government, private industry and emergency response agencies. Strong emphasis is placed on prevention, public education, and planning.

TECHNICAL COURSEWORK
33 credits Required

ESM 101	Introduction to Emergency Management	3
ESM 102	Emergency Planning	3
ESM 103	Exercise Design and Evaluation	3
ESM 104	HazMat Operations	3
ESM 105	Incident Management Systems	3
ESM 200	Hazardous Assessment and Mitigation	3
ESM 201	Disaster Recovery	3
ESM 202	Developing Volunteers and Facilitation	3
ESM 203	Public Awareness Programs	3
ESM 204	Practicum: Exercise Design	1
CIS 110	Computer Software Applications I	2
CIS 146	Computer Presentation Graphics	1

CAD xxx	Introduction/GIS	2
	Total Technical Coursework	33

GENERAL EDUCATION

21 credits required

(12 credits in communication, literature, social science, fine arts, humanities)

ENG 101	College Composition	3
SPE 101	Oral Communication	3
ENG 211	Technical Writing	3
PSY 101	Introduction to Psychology	3
	Total General Education (comm, lit, ss, fa, hum)	12

(9 credits in mathematics, science, business)

MAT 115	Introduction to Algebra and Geometry	2
SCI xxx	Science	3
MGT 101	Principles of Supervision	3
MAT 210	Statistics and Probability	3
	Total General Education (math, sci, bus)	11

ELECTIVES

3 credits required (choose 2)

SOC 101	Introduction to Sociology	3
GOV xxx	Government	3
PHI 102	Ethics and Contemporary Society	3
	Total Electives	6

RECOMMENDED SEQUENCE OF COURSEWORK

First Semester

Credits

CIS 110	Computer Software Applications I	2
ENG 101	College Composition	3
ESM 101	Introduction to Emergency Management	3
MAT 115	Introduction to Algebra & Geometry	2
ESM 102	Emergency Planning	3
PSY 101	Introduction to Psychology	3

Semester Total = 16

Second Semester

Credits

ENG 211	Technical Writing	3
SPE 101	Oral Communications	3
ESM 103	Exercise Design and Evaluation	3
ESM 104	HazMat Operations	3
ESM 105	Incident Management Systems	3
CIS 146	Computer Presentation Graphics	2

Semester Total = 17

Third Semester

Credits

ESM 201	Hazardous Assessment & Mitigation	3
MGT 101	Principles of Supervision	3
ESM 202	Disaster Recovery	3
MAT 210	Statistics and Probability	3
CIS xxx	Introduction/GIS	2
Elective		3

Semester Total = 17

Fourth Semester

Credits

ESM 203	Developing Volunteers and Facilitation	3
ESM 204	Public Awareness Programs	3
ESM 290	Practicum: Exercise Design	1
SCI xxx	Science	3
Elective		3

Semester Total = 13

