



Emergency Services Technology- Associate in Applied Science (2019-20 Catalog)

SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion

Plans can be modified to fit student needs by adding more semesters

Choose your courses with your Advisor.

Developmental Education Courses (if required)		
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST *subject to change

complete	Course #	Course Title	Credits	Gen Ed	Fall	Winter	Spring	Summer	Pre-requisites / Co-requisites	
Semester 1	<input type="checkbox"/>	COLS101	College Success	1		B, M, D	----	B, M, D	D	
	<input type="checkbox"/>	ENGL101	English I	3	Comm.	B, M, D	----	B, M, D	B, M, D	PRE: ENGL Placement Policy
	<input type="checkbox"/>	MATH103	Applications in Mathematics	3	QL	B	----	B	----	
	<input type="checkbox"/>		AH Elective	3	AH	B, M, D	D	B, M, D	B, M, D	Depends on course selected
	<input type="checkbox"/>	EMGS 118	Intro to Crime Scene Identification, Preservation, and Investigation	3		B,S				
	<input type="checkbox"/>	EMGS 120	Emergency Services Health and Safety	3		B,S				
			Total Semester Credits:	16						
Semester 2	<input type="checkbox"/>	CISC101	Introduction to Computers	3	CL	----	----	B,S	----	
	<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Comm.	----	----	B,S	----	
	<input type="checkbox"/>	ENGL151R	English II (Report Writing)	3	Comm.	B, M, D	----	B, M, D	B, M, D	PRE: ENGL101
	<input type="checkbox"/>	EMGS	Concept Electives+ (6 credits total)	6		Varies by course(s)				
	<input type="checkbox"/>									
			Total Semester Credits:	15						
Semester 3	<input type="checkbox"/>	SOCA103	Principles of Sociology	3		B, M, D	----	B, M, D	B, M, D	
	<input type="checkbox"/>		Elective	3		B,D	----	M,D	D	
	<input type="checkbox"/>	EMGS218	Incident Command and Management	3		B,S				
	<input type="checkbox"/>	EMGS231	Law for Emergency Services	3		B,S				
	<input type="checkbox"/>	EMGS256	First Responder Stress Awareness and Management	3	SIT	B,S				
	<input type="checkbox"/>	EMGS	Concept Elective+	3		Varies by course				
			Total Semester Credits:	18						
Semester 4	<input type="checkbox"/>		SIT Elective (WI)	3	SIT	B, M, D	----	B,M,D	----	
	<input type="checkbox"/>	EMGS122	Emergency Action Planning	3		B,S				
	<input type="checkbox"/>	EMGS201	Chemistry of Hazardous Materials	3		B,S				
	<input type="checkbox"/>	EMGS207	Technology Applications for Emergency Services	3		B,S				
	<input type="checkbox"/>	EMGS	Concept Elective+	3		Varies by course				
			Total Semester Credits:	15						
		Total Degree Credits	64							

General Education Requirements		
<input type="checkbox"/>		Diversity
<input type="checkbox"/>		Writing Intensive (AH or SIT elective)

Notes: One course should be designated as Diversity and Global Awareness (D). One General Education Elective must be taken in a Writing Intensive (WI) section.

Please Note: Students are required to supply their own NFPA compliant turn-out-gear and self-contained breathing apparatus for the Fire Technology Track

Arts & Humanities (AH)
ARTA 100 Art and Visual Thinking
ARTA 101 Art History Survey
CMTH 110 Introduction to the Theatre
CMTH 111 Acting I
CMTH 115 Technical Theatre
CMTH 117 Stagecraft
CMTH 126 The Communication Arts
CMTH 189 Stage Voice and Movement
CMTH 190 Stage Production
CMTH 206 Directing
CMTH 211 Plays: Classical to Contemp. (G-WI)
CMTH 212 Acting II
CMTH 218 Theatre Portfolio
CMTH 220 Introduction to Film
DANC 101 Dance History
DANC 110 Ballet I
DANC 120 Modern Dance I
DANC 130 Jazz I
DANC 210 Ballet II
DANC 220 Modern Dance II
DANC 230 Jazz II
ENGL 201 British Literature I (G-WI)
ENGL 203 Shakespeare (G-WI)
ENGL 205 American Literature I (G-WI)
ENGL 211 Plays: Classical to Contemp. (G-WI)
ENGL 215 Multicultural Adolescent Lit (G-WI)
ENGL 250 Latin American Literature (G-WI)
ENGL 251 British Literature II (G-WI)
ENGL 253 Creative Writing
ENGL 255 American Literature II (G-WI)
ENGL 256 Modern Poetry (G-WI)
ENGL 257 20th Century Lit by Women (G-WI)
ENGL258 Fiction Writing
ENGL 260 Contemporary Literature (G-WI)
ENGL 264 Irish Literature (G-WI)
ENGL 265 African-American Literature (G-WI)
ENGL 267 Poetry Writing
HUMA 121 The American Work Experience (G-WI)

Diversity (D) Electives
BIOS 126 Environmental Science
BIOS 210 Environmental Biology
BUSA 115 Intro to International Business
CJST 250 Contemporary Issues in Criminal Justice
CMTH 126 The Communication Arts
CMTH 211 Plays: Classical to Contemporary
CMTH 215 Intercultural Communication
DANC 101 Dance History
ENGL 151L English II (Literature)
ENGL 205 American Literature I
ENGL 211 Plays: Classical to Contemporary
ENGL 215 Multicultural Adolescent Literature
ENGL 250 Latin American Literature
ENGL 251 British Literature II
ENGL 253 Creative Writing
ENGL 255 American Literature II
ENGL 256 Modern Poetry
ENGL 257 20th Century Lit by Women
ENGL 260 Contemporary Literature
ENGL 264 Irish Literature
ENGL 265 African-American Literature
ENGL 267 Poetry Writing
GEOG 101 World Geography
GEOG 121 Environmental Sustainability
HUMA 150 Nature of the Environment
HUMA210 Creativity and the Origin of Ideas
JOUR 101 Journalism and Society
Modern Language - All MDLA Courses
MUSC 101 Introduction to Music
PHIL 111 On Death and Dying (G-WI)
PHIL 121 World Religions
PHIL 201 Introduction to Philosophy
PHIL 202 Ethics and Moral Problems (G-WI)
PHIL 204 Asian Philosophies
PHIL 211 Ancient Philosophy
PHIL 215 Modern Philosophy
PHIL 225 What is Freedom?

GEOG 151 Geography of the U.S. and Canada
GEOG 210 Weather and Climate
GLBL 130 Intro to Global Studies
GLBL 160 Field Experience & Acad Research in GS
GLBL 230 Global Studies Capstone
HIST 113 American History I
HIST 121 The Black Experience
HIST 140 Modern Chinese History
HIST 165 The American Experience of Warfare
HIST 166 Civil War & Reconstruction
HIST 168 History of the Middle East
HIST 173 Mod Euro History: 1815-Present
HUMA 121 American Work Experience
HUMA 140 Intro to Women and Gender Studies
HUMA 150 Nature of the Environment
HUMA210 Creativity and The Origin of Ideas
INTS 201 Implement Sustain Energy Sys in Dev Com
Modern Language - All MDLA Courses
PHIL111 On Death and Dying
PHIL 121 World Religions
PHIL 204 Asian Philosophies
POLS 101 Introduction to Political Science
POLS 105G American Constitutional Law
POLS 150 Peace Studies & Conflict Resolution
POLS 202 International Relations
POLS205 Women & Politics
POLS 251 State & Local Government
PSYC 258 Developmental Psychology
SOCA 102 Cultural Anthropology
SOCA103 Principles of Sociology
SOCA 105 American Ethnicity
SOCA 150 Deviance
SOCA160 Issues in Cont Genocide & Mass Violence
SOCA204 Social Problems

Electives for A.A. & A.S. Degrees
All courses except: 0XX-level courses; EARL221, 222

Societies & Institutions Over Time (SIT)
CMTH 221 History of Broadcasting
GEOG 101 World Geography
GEOG 151 Geography of the U.S. and Canada (G-WI)
GLBL 130 Intro to Global Studies
GLBL 160 Field Experience & Acad Research in GS
GLBL 230 Global Studies Capstone
HIST 103 Ancient and Medieval History
HIST 113 American History I (G-WI)
HIST 121 The Black Experience (G-WI)
HIST 123 African Civilization
HIST 140 Modern Chinese History
HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)
HIST 163 American History II
HIST 165 The American Experience of Warfare (G-WI)
HIST 166 Civil War and Reconstruction (G-WI)
HIST 168 History of the Middle East (G-WI)
HIST 173 Mod Euro History, 1815-Present (G-WI)
HIST 210 History of Mod Science, 1859 to Present
HIST 211 History of Pennsylvania
INTS 201 Implementing Sustainable Energy System...
INTS202 Architecture of the City: Classic to Contemp.
POLS 101 Introduction to Political Science
POLS 105 American Constitutional Law (G-WI)
POLS 110 American National Government (G-WI)
POLS 150 Peace Studies & Conflict Res (Study Abroad)
POLS 170 Politics of Modern Turkey (Study Abroad)
POLS 202 International Relations
POLS 205 Women and Politics (G-WI)
POLS 251 State and Local Government (G-WI)
SOCA 102 Cultural Anthropology (G-WI)
SOCA 105 American Ethnicity
SOCA 160 Issues in Contemp.Genocide & Mass Violence

General Education courses offered as writing intensive are noted with a G-WI . Select an AH or SIT (e.g. HIST113G is Writing Intensive; HIST113 is not)

Concept Electives+	Select courses within your track	*Offered at BETH, SBTH
Fire Technology Track	EMS Technology Track	Security Track
2nd semester:	2nd semester:	2nd Semester
EMGS104 Essentials of Firefighting & Emergency (4 credits)	EMGS115 Emergeny Medical Technician, Basic (6 credits)	EMGS119 Fundamentals of Homeland Security (3
EMSG105 Essentials of Interior Firefighting & Emergency Response (2 credits) PRE: EMGS104	Offered SBTH, MROE in the Fall, Spring and Summer	EMSG160 Introduction to Security (3 credits)*
Offered FA/SP at Northampton County Fire School		
3rd semester:	3rd Semester:	3rd Semester
EMGS151 Fire Prevention (3 credits)*	EMGS208 Operational Risk Management for EMS (3 credits)*	EMGS235 Security Management (3 credits)*
4th semester:	4th semester	4th semester
EMGS109 Basic Vehicle Rescue (3 credits)*	EMGS220 Methods of EMS Tactical Response (3 credits)*	EMGS218 Incident Command and Management (3 credits)*

Program Narrative:

In the emergency services professions, masterful skills and attention to detail are essential elements that lead to successful outcomes.

NCC's Emergency Services Technology program provides the education and training you will need to safely and effectively perform the difficult and dangerous duties of saving lives and property. The increasing demand for emergency responders is being driven by the escalating needs of the various communities being served. NCC's Emergency Services Degree is intended to prepare responders to meet those needs. This revised degree contains three concept electives that will allow students to choose between fire, emergency medical, or security technologies. In essence, specific discipline focus based on individual interest is determined by the student.

The program takes into account the logistical challenges of incumbent responders seeking to enhance their skills while additionally meeting the needs of recent high school graduates who are interested in the emergency services. The various experience levels of students in the same class provides for a unique dimension to learning. A number of courses are offered in distance learning formats to accommodate student scheduling challenges. Introduction of eight week long semesters will also allow students the ability to manage their time commitments.

A number of program electives are available to allow you to select and focus on your area of personal interest. You will learn the professional techniques you need to meet the challenges in your specific area. In addition, you will take courses in general education to help give you a broader understanding of the type of work for which you are preparing. To help students and graduates stay up-to-date, we will announce through the program special "brush-up" and recertification seminars in EMT, CPR, and other related offerings. Enrollment in the EMT program is limited and priority will be given to students who are affiliated with a state-recognized Emergency Services program. You can enter this program any given semester and can complete it within four years by attending evening or distance learning classes on a part-time basis.

Program Learning Outcomes: Graduates of the program will:

Apply interoperable emergency response and decision making skills to achieve positive outcomes.

Demonstrate functionality as it relates to emergency response information technology.

Function within nationally recognized guidelines and/or standards as an interoperable emergency first responder.

Apply emergency service and public safety skills as they relate to mitigation, preparedness, response, and recovery operations.

Develop an interoperable management approach in the various segments of emergency services, Public Safety (Fire/Emergency Medical), and the Private Sector (Industry).

Discuss ethical, moral, and legal issues associated with emergency response environments and be able to apply these concepts within the context of expected behavior.

Career Information:

Emergency Services Career Paths

Emergency Services Technician

Emergency Medical Technician

Firefighter