



EMERGENCY SERVICES TECHNOLOGY
Associate in Applied Science (2018-2019 Catalog)

Student Name: _____

Advisor Name: _____

Developmental Education Courses (if required)

English Placement			Math Placement		
<input type="checkbox"/>	ACLS025	Academic Reading and Writing Skills I	<input type="checkbox"/>	MATH 020	Pre-Algebra
<input type="checkbox"/>	ACLS026	Academic Reading and Writing Skills II	<input type="checkbox"/>	MATH 022	Elementary Algebra
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH 026	Intermediate Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop			

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

Courses are listed in preferred order of completion

Plans can be modified to fit the needs of part-time students by adding more semesters

Choose your courses with your Success Navigator or Faculty Advisor.

Complete	Semester 1					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered (Fall, Winter, Spring, Summer) (Bethlehem, Monroe, Fowler, Online)	Prerequisites/Co-requisites (PRE / CO)
<input type="checkbox"/>	COLS101	College Success	1		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	ENGL101	English I	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: Placement Policy
<input type="checkbox"/>	MATH103	Applications in Mathematics	3	QL	FA, SP; BETH	
<input type="checkbox"/>		AH, SIT, or SSHB General Education Elective	3	AH, SIT, or SSHB	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	EMGS 118	Intro to Crime Scene Identification, Preservation, and Investigation	3		BETH, SBTH	
<input type="checkbox"/>	EMGS 120	Emergency Services Health and Safety	3		BETH, SBTH	
	Total Semester Credits:		16			
Complete	Semester 2					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Prerequisites/Co-requisites
<input type="checkbox"/>	CISC101	Introduction to Computers	3	CL	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Communication	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	ENGL151R	English II (Report Writing)	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: ENGL101
<input type="checkbox"/>	EMGS	Concept Electives+ (6 credits total)	6		Varies by course(s)	
	Total Semester Credits		15			
Complete	Semester 3					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Prerequisites/Co-requisites
<input type="checkbox"/>	SOCA103	Principles of Sociology	3	SSHB	FA, SP, SU; BETH, MROE, DIST	PRE: eligibility for ENGL101
<input type="checkbox"/>		Elective	3		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	EMGS218	Incident Command and Management	3		BETH, SBTH	
<input type="checkbox"/>	EMGS231	Law for Emergency Services	3		BETH, SBTH	
<input type="checkbox"/>	EMGS256	First Responder Stress Awareness and Management	3		BETH, SBTH	
<input type="checkbox"/>	EMGS	Concept Elective+	3		BETH, SBTH	
	Total Semester Credits		18			
Complete	Semester 4					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Prerequisites/Co-requisites
<input type="checkbox"/>		AH, SIT, or SSHB General Education Elective (WI)	3	AH, SIT, or SSHB	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	EMGS122	Emergency Action Planning	3		BETH, SBTH	
<input type="checkbox"/>	EMGS201	Chemistry of Hazardous Materials	3		BETH, SBTH	
<input type="checkbox"/>	EMGS207	Technology Applications for Emergency Services				
<input type="checkbox"/>	EMGS	Concept Elective+	3		BETH, SBTH	
	Total Semester Credits:		15			
	Total Degree Credits:		64			

Notes:

- For the General Education Electives, students must select one course from the list of approved courses in each of the following categories: Arts & Humanities (AH) and Societies and Institutions over Time (SIT).
- One course should be designated as Diversity and Global Awareness (D). **One General Education Elective must be taken in a Writing Intensive (WI) section.**
- Elective: All courses except: OXX-level courses; EARL 221, EARL 222.
- **Please Note: Students are required to supply their own NFPA compliant turn-out-gear and self-contained breathing apparatus for the Fire Technology Track**

Concept Electives+ (Select courses within your track) * Offered at Beth, SBTH		
Fire Technology Track	EMS Technology Track	Security Track
2nd Semester EMGS104 Essentials of Firefighting & Emergency (4 credits) EMGS105 Essentials of Interior Firefighting & Emergency Response (2 credits) PRE: EMGS104 Offered FA/SP at Northampton County Fire School	2nd Semester EMGS115 Emergency Medical Technician, Basic (6 credits) Offered FA, SP, SU; BETH, MROE	2nd Semester EMGS119 Fundamentals of Homeland Security (3 credits)* EMSG160 Introduction to Security (3 credits)*
3rd Semester EMGS151 Fire Prevention (3 credits)*	3rd Semester EMGS208 Operational Risk Management for EMS (3 credits)*	3rd Semester EMGS235 Security Management (3 credits)*
4th Semester EMGS109 Basic Vehicle Rescue (3 credits)*	4th Semester EMGS220 Methods of EMS Tactical Response (3 credits)*	4th Semester 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

Arts & Humanities (AH) Electives	Societies & Institutions over Time (SIT) Electives	Diversity (D) Electives
ARTA 100 Art and Visual Thinking	CMTH 221 History of Broadcasting	BIOS 126 Environmental Science
ARTA 101 Art History Survey	GEOG 101 World Geography	BIOS 210 Environmental Biology
CMTH 110 Introduction to the Theatre	GEOG 151 Geography of the U.S. and Canada (G-WI)	BUSA 115 Intro to International Business
CMTH 111 Acting I	GLBL 130 Intro to Global Studies	CJST 250 Contemporary Issues in Criminal Justice
CMTH 115 Technical Theatre	GLBL 160 Field Experience & Acad Research in GS	CMTH 126 The Communication Arts
CMTH 117 Stagecraft	GLBL 230 Global Studies Capstone	CMTH 211 Plays: Classical to Contemporary
CMTH 126 The Communication Arts	HIST 103 Ancient and Medieval History	CMTH 215 Intercultural Communication
CMTH 189 Stage Voice and Movement	HIST 113 American History I (G-WI)	DANC 101 Dance History
CMTH 190 Stage Production	HIST 121 The Black Experience (G-WI)	ENGL 151L English II (Literature)
CMTH 206 Directing	HIST 123 African Civilization	ENGL 205 American Literature I
CMTH 211 Plays: Classical to Contemporary (G-WI)	HIST 140 Modern Chinese History	ENGL 211 Plays: Classical to Contemporary
CMTH 212 Acting II	HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)	ENGL 215 Multicultural Adolescent Literature
CMTH 218 Theatre Portfolio	HIST 163 American History II	ENGL 250 Latin American Literature
CMTH 220 Introduction to Film	HIST 165 The American Experience of Warfare	ENGL 251 British Literature II
DANC 101 Dance History	HIST 166 Civil War and Reconstruction (G-WI)	ENGL 253 Creative Writing
DANC 110 Ballet I	HIST 168 History of the Middle East (G-WI)	ENGL 255 American Literature II
DANC 120 Modern Dance I	HIST 173 Mod European History, 1815 to Present (G-WI)	ENGL 256 Modern Poetry
DANC 130 Jazz I	HIST 210 History of Mod Science, 1859 to Present	ENGL 257 20th Century Lit by Women
DANC 210 Ballet II	HIST 211 History of Pennsylvania	ENGL 260 Contemporary Literature
DANC 220 Modern Dance II	INTS 202 The Architecture of the City: Classic to Contemporary	ENGL 264 Irish Literature
DANC 230 Jazz II	POLS 101 Introduction to Political Science	ENGL 265 African-American Literature
ENGL 201 British Literature I (G-WI)	POLS 105 American Constitutional Law (G-WI)	ENGL 267 Poetry Writing
ENGL 203 Shakespeare (G-WI)	POLS 110 American National Government (G-WI)	GEOG 101 World Geography
ENGL 205 American Literature I (G-WI)	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)	GEOG 121 Environmental Sustainability
ENGL 211 Plays: Classical to Contemporary (G-WI)	POLS 170 Politics of Modern Turkey (Study Abroad)	GEOG 151 Geography of the U.S. and Canada
ENGL 215 Multicultural Adolescent Literature (G-WI)	POLS 202 International Relations	GEOG 210 Weather and Climate
ENGL 250 Latin American Literature (G-WI)	POLS 205 Women and Politics (G-WI)	GLBL 130 Intro to Global Studies
ENGL 251 British Literature II (G-WI)	POLS 251 State and Local Government (G-WI)	GLBL 160 Field Experience & Acad Research in GS
ENGL 253 Creative Writing	SOCA 102 Cultural Anthropology (G-WI)	GLBL 230 Global Studies Capstone
ENGL 255 American Literature II (G-WI)	SOCA 105 American Ethnicity	HIST 113 American History I
ENGL 256 Modern Poetry (G-WI)	SOCA 160 Issues in Contemporary Genocide & Mass Violence	HIST 121 The Black Experience
ENGL 257 20th Century Lit by Women (G-WI)		HIST 140 Modern Chinese History
ENGL258 Fiction Writing		HIST 165 The American Experience of Warfare
ENGL 260 Contemporary Literature (G-WI)		HIST 166 Civil War & Reconstruction
ENGL 264 Irish Literature (G-WI)	Scientific Study of Human Behavior (SSHB) Electives	HIST 168 History of the Middle East
ENGL 265 African-American Literature (G-WI)	ECON 201 Macroeconomics	HIST 173 Mod Euro History: 1815-Present
ENGL 267 Poetry Writing	GEOG 121 Environmental Sustainability (G-WI)	HUMA 121 American Work Experience
HUMA 121 The American Work Experience (G-WI)	GEOG 140 Investigating Climate Change	HUMA 140 Intro to Women and Gender Studies
HUMA 140 Intro to Women and Gender Studies (G-WI)	GEOG 271 Intro to Geographic Info Systems	HUMA 150 Nature of the Environment)
HUMA210 Creativity and the Origin of Ideas	HUMA 250 Research Methods in Social Sciences (G-WI)	HUMA210 Creativity and The Origin of Ideas
JOUR 101 Journalism and Society	INTS 250 Study Abroad	INTS 201 Implement Sustain Energy Sys in Dev Com
Modern Language - All MDLA Courses	PSYC 103 Introduction to Psychology (G-WI)	Modern Language - All MDLA Courses
MUSC 101 Introduction to Music	PSYC 230 Introduction to Health Psychology	PHIL111 On Death and Dying
PHIL 111 On Death and Dying (G-WI)	PSYC 235 Dev Child Psychopathology	PHIL 121 World Religions
PHIL 121 World Religions	PSYC 245 Cognitive Psychology	PHIL 204 Asian Philosophies
PHIL 201 Introduction to Philosophy	PSYC 255 Abnormal Psychology	POLS 101 Introduction to Political Science
PHIL 202 Ethics and Moral Problems (G-WI)	PSYC 258 Developmental Psychology (G-WI)	POLS 105G American Constitutional Law
PHIL 204 Asian Philosophies	PSYC 265 Psychology of Sex and Gender	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)
PHIL 211 Ancient Philosophy	SOCA 103 Principles of Sociology (G-WI)	POLS 202 International Relations
PHIL 215 Modern Philosophy	SOCA 125 Sociology of Families (G-WI)	POLS205 Women & Politics
PHIL 225 What is Freedom?	SOCA 210 Sociology of Gender	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

Note: General Education courses offered as writing intensive are noted with a G-WI