

Emergency Medical Services – Paramedic

Program
Overview

Emergency Medical Services - Paramedic Certificate and Associate in Applied Science Degree

somerset.kctcs.edu

ADVISORS

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CAREERS:

Paramedics commonly facilitate medical decisions at an emergency scene and during transport. Paramedics work in a variety of specialty care settings including but not limited to:

- ground and air ambulances
- occupational (industrial/ safety)
- in hospital (emergency department)
- community settings (mobile integrated healthcare/ community paramedicine)
- fire departments

Paramedic Completion Program - Earn your Associate Degree

Current nationally certified paramedics can participate in our online degree completion program earning college credits for their paramedic training to earn an Associate in Applied Science Degree.

Classes held at SCC's Somerset and Laurel campuses

Students must have a valid EMT certification to apply for this program.

PROGRAM DETAILS

The Paramedic is a health professional whose primary focus is to respond to, assess, and triage emergent, urgent, and non-urgent requests for medical care, apply basic and advanced knowledge and skills necessary to determine patient physiologic, psychological, and psychosocial needs, administer medications, interpret and use diagnostic findings to implement treatment, provide complex patient care, and facilitate referrals and/or access to a higher level of care when the needs of the patient exceeds the capability level of the paramedic.

Paramedics often serve as a patient care team member in a hospital or other health care setting to the full extent of their education, certification, licensure, and credentialing. Paramedics may work in community settings where they take on additional responsibilities monitoring and evaluating the needs of at-risk patients, as well as intervening to mitigate conditions that could lead to poor outcomes. Paramedics help educate patients and the public in the prevention and/or management of medical, health, psychological, and safety issues.

Academic preparation enables paramedics to use a wide range of pharmacology, airway, and monitoring devices as well as to utilize critical thinking skills to make complex judgments such as the need for transport from a field site, alternate destination decisions, the level of personnel appropriate for transporting a patient, and similar judgments.

PARAMEDICS MUST POSSESS:

1. Sufficient visual acuity
2. Sufficient auditory perception
3. Sufficient gross and fine motor skills
4. Sufficient communication skills
5. Sufficient intellectual and emotional functioning

EMS - PARAMEDIC CREDENTIALS:

CERTIFICATE:

- EMS - Paramedic Certificate
(48 credit hours)

ASSOCIATE OF APPLIED SCIENCE DEGREE:

- Emergency Medical Services - Paramedic
(60-64 credit hours)

OTHER CREDENTIALS:

- Pre-Hospital Trauma Live Support
- Advanced Cardiac Life Support
- Pediatric Advanced Life Support

EDUCATION REQUIREMENTS:

Successful completion of this nationally accredited Paramedic program meets all other State requirements, and allows students to participate in the National Registry of Emergency Medical Technicians (NREMT) Paramedic psychomotor and cognitive examinations. Students will complete the Paramedic Psychomotor Competency Portfolio during the program, which are required for testing through the NREMT.

ACCREDITATION:

The paramedic program of Somerset Community College is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).



Commission on Accreditation
of Allied Health Education Programs
9355 - 113th St. N, #7709
Seminole, FL 33775
www.caahep.org



SOMERSET
COMMUNITY COLLEGE

Emergency Medical Services – Paramedic

**Advising
Planner**
Emergency Medical Services - Paramedic Certificate and Associate in Applied Science Degree

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SEMESTER COURSE LISTING FOR AAS DEGREE

- Applicants must be certified KY EMT upon entering the first term.

Prior to Admission (7 - 11 hours)

 BIO 135 or BIO 137 and BIO 139
 AHS 115

First Semester (15 Hours)

 EMS 201
 EMS 203
 EMS 204
 ENG 101
 MAT 110

Second Semester (12 - 15 Hours)

 EMS 202
 EMS 206
 EMS 207
 Oral Communication
 Computer/Digital Literacy

Third Semester (14 Hours)

 EMS 205
 EMS 208
 EMS 209

Fourth Semester (12 Hours)

 EMS 212
 EMS 213
 PSY 110
 Heritage/Humanities

TOTAL HOURS FOR AAS DEGREE – 60 - 64

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REQUIRED COURSES FOR CERTIFICATE

- Applicants must be certified KY EMT upon entering the first term.

			Credit
Prior to Admission (7 - 11 Hours)	BIO 135	Basic Anatomy and Physiology with Lab	4
		<u>or</u> BIO 137 <u>and</u> BIO 139	(8)
	AHS 115	Medical Terminology	3
First Semester (9 Hours)	EMS 201	Principles of Paramedicine I	6
	EMS 203	Practicum I - Clinicals	1
	EMS 204	Paramedic Lab I	2
Second Semester (9 Hours)	EMS 202	Principals of Paramedicine II	5
	EMS 206	Practicum II	3
	EMS 207	Paramedic Lab II	1
Third Semester (14 Hours)	EMS 205	Principles of Paramedicine II	6
	EMS 208	Principles of Paramedicine IV	6
	EMS 209	Paramedic Lab III	2
Fourth Semester (6 Hours)	EMS 212	Practicum III - Field	4
	EMS 213	Principles of Paramedicine V	2

TOTAL HOURS FOR CERTIFICATE – 45 - 49

- If BIO 135 has been completed, then BIO 137/BIO 139 is not necessary.

Special Note:

ADDITIONAL COURSES FOR AAS DEGREE

- All transitional courses must be completed.
- KY EMT or NREMT certification is required.
- Licensed paramedics will be awarded thirty-eight semester credit hours upon completion of:
 - a) Applying to the college of choice
 - b) Submitting a letter of intent and a copy of required licensure/certification to program coordinator with validation by the Registrar
 - c) Must meet the 25% residency requirement and completion of the following courses:

			Credit
First Semester	BIO 135	Basic Anatomy & Physiology with Lab	4
		<u>OR</u> BIO 137 <u>and</u> BIO 139	(4)
	AHS 115	Medical Terminology	3
Second Semester	ENG 101	Writing I	3
		History <u>OR</u> Humanities	3
	MTH 110	Applied Mathematics or higher level math course	3
		Oral Communication (COM 181 or COM 252)	3
	PSY 110	General Psychology	3
	CIT 105	Introduction to Computers	3

Notes: