

Emergency Medical Services - Paramedic

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

somerset.kctcs.edu

ADVISORS

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

PROGRAM DETAILS

Modern emergency medical services (EMS) can trace its roots back to the 1960's. This is when a formal curriculum and scope of practice was designed by the U.S. Department of Transportation. Since then, EMS has grown exponentially in education and in scope of practice.

As a mixture of public safety and healthcare, EMS requires a unique knowledge of field operations, anatomy and physiology, emergency procedures, and critical thinking skills. The paramedic is currently the highest skill set and level of training within EMS. Paramedics today can intubate, defibrillate, start intravenous lines for medication administration, start interosseous lines, perform needle decompression, and much more. The paramedic performs these skills autonomously.

Classes held at SCC's Somerset and Laurel campuses.



EMS - PARAMEDIC CREDENTIALS:

CERTIFICATES:

- EMS - Paramedic Certificate* (47 credit hours)

ASSOCIATE OF APPLIED SCIENCE DEGREE:

- Emergency Medical Services - Paramedic (63-67 credit hours)

OTHER CREDENTIALS:

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

*A Federal Gainful Employment program

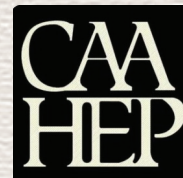
Learn more on SCC's website: [somerset.kctcs.edu/Academics/Programs of Study/EMS-Paramedic](http://somerset.kctcs.edu/Academics/Programs%20of%20Study/EMS-Paramedic)

THE FACULTY:

The EMS - Paramedic faculty at Somerset Community College has decades of experience working in a variety of EMS systems including urban, suburban, rural, wilderness, ground critical care, air medical, and hospital based systems.

ACCREDITATION:

The Somerset Community College EMS - Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation for EMS Programs.



Commission on Accreditation
of Allied Health Education Programs
25400 US Highway 19 North, Suite 158
Clearwater, FL 33763
www.caahep.org

CAREERS:

Nationally Registered Paramedics can find employment in a variety of settings, including:

- Government/3rd service EMS
- Private EMS
- Fire Departments
- Emergency Department
- Helicopter EMS
- Industrial Safety

TECHNICAL STANDARDS:

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

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.



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SEMESTER COURSE LISTING FOR AAS DEGREE

- All transitional courses must be completed prior to program admission.
- KY EMT or NREMT certification and MAT 110 or higher is required for admission.

Class (Alternative) Credit

Prior to Admission (10 to 14 hours)

Bio 135 () _____
 or BIO 137 & BIO 139 () _____
 AHS 115 () _____
 MAT 110 or higher () _____

First Semester (12 Hours)

EMS 200 () _____
 EMS 210 () _____
 EMS 211 () _____
 EMS 215 () _____
 ENG 101 () _____

Second Semester (13-16 Hours)

EMS 220 () _____
 EMS 221 () _____
 EMS 225 () _____
 EMS 230 () _____
 EMS 270 () _____
 Oral Communication () _____
 Computer/Digital Literacy () _____

Third Semester (15 Hours)

EMS 231 () _____
 EMS 235 () _____
 EMS 240 () _____
 EMS 250 () _____
 EMS 260 () _____
 PSY 110 () _____

Fourth Semester (13 Hours)

EMS 2851 () _____
 EMS 2852 () _____
 Heritage/Humanities () _____
 EMS 275 () _____

TOTAL HOURS FOR AAS DEGREE – 63 - 67

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STUDENT _____

SIGNATURE _____

REQUIRED COURSES for CERTIFICATE

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

			Credit	Grade
Prior to Admission (7 - 11 Hours)	BIO 135	Basic Anatomy and Physiology with Lab or BIO 137 and BIO 139	4 (8)	_____
	AHS 115	Medical Terminology	3	_____
First Semester (11 Hours)	FHM 100	Dosage Calculations	2	_____
	EMS 200	Introduction to Paramedicine	4	_____
	EMS 210	Emergency Pharmacology	3	_____
	EMS 211	Fundamentals Lab	1	_____
	EMS 215	Clinical Experience I	1	_____
Second Semester (10 Hours)	EMS 220	Cardiovascular Emergencies	3	_____
	EMS 221	Cardiac and Trauma Lab	1	_____
	EMS 230	Traumatic Emergencies	4	_____
	EMS 225	Clinical Experiences II	1	_____
	EMS 270	EMS Operations	1	_____
	Third Semester (12 Hours)	EMS 240	Medical Emergencies I	3
EMS 250		Medical Emergencies II	3	_____
EMS 260		Special Populations	3	_____
EMS 231		Medical Lab	1	_____
EMS 235		Clinical Experience III	2	_____
Fourth Semester (7 Hours)		EMS 275	Seminar in Advanced Life Support	1
	EMS 2851	Field Internship	3	_____
	EMS 2852	Field Summation	3	_____

TOTAL HOURS FOR CERTIFICATE – 47

Special Notes:

- Students can opt to take FHM 100 as a prerequisite.
- MTH 110 or higher is an acceptable substitute for FHM 100.
- If BIO 135 has been completed, then BIO 137/BIO 139 is not necessary.

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:
 - Applying to the college of choice
 - Submitting a letter of intent and a copy of required licensure/certification to program coordinator with validation by the Registrar
 - Completing at least 16 credit hours from degree-granting institution and completion of the following courses:

			Credit	Grade
First Semester	AHS 201	Management Principles for Health Care Providers	3	_____
	BIO 135	Basic Anatomy & Physiology with Lab OR BIO 137 and BIO 139	4 (4)	_____
	AHS 115	Medical Terminology	3	_____
Second Semester	ENG 101	Writing I	3	_____
		History OR 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	_____