Somerset Community College

Program Overview

Emergency Medical Services - Paramedic

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

somerset.kctcs.edu

ADVISOR

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Interim Program Coordinator
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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, operating under standing orders approved by a physician.

Classes held at SCC's Somerset and Laurel campuses.

EMS - PARAMEDIC CREDENTIALS:

CERTIFICATES:
- EMS - Paramedic Certificate (46-47 credit hours)

ASSOCIATE OF APPLIED SCIENCE DEGREE:
Emergency Medical Services - Paramedic (63-67 credit hours)

OTHER CREDENTIALS:
- Pre-Hospital Trauma Life Support
- Advanced Cardiac Life Support
- Pediatric Advanced Life Support

THE FACULTY:

The EMS - Paramedic faculty at Somerset Community College are recognized on a local, state, and national level. Their work has been published in a variety of industry journals, scientific journals, and industry textbooks. Our staff 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.

Our faculty has a variety of undergraduate educational experiences. They have received industry instructor credentials in Assessment and Treatment of Trauma (ATT), Advanced Cardiac Life Support (ACLS), Advanced Medical Life Support (AMLS), Basic Life Support (BLS), Certified Intensive Care Provider (CICP), Emergency Medical Services Safety Course, Emergency Pediatric Care (EPC), Geriatric Education for EMS (GEMS), Pediatric Advanced Life Support (PALS), Pediatric Education for Prehospital Professionals (PEPP), and Pre-Hospital Trauma Life Support (PHTLS). Beyond the certification courses, our faculty have taught in a variety of settings for various levels of healthcare providers.

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

Students can take afternoon classes at the Laurel Campus or take evening classes at the Somerset Campus.

Somerset Community College
HIGHER EDUCATION BEGINS HERE

KCTCS is an equal opportunity employer and education institution.

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Somerset Community College
Advising Planner

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REQUIRED COURSES for CERTIFICATE

		Credit	Grade
BIO 135	Basic Anatomy and Physiology with Lab	4	_____
	or BIO 137 AND BIO 139	(8)	_____
AHS 115	Medical Terminology	3	_____
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	_____
EMS 220	Cardiovascular Emergencies	3	_____
EMS 221	Cardiac and Trauma Lab	1	_____
EMS 230	Traumatic Emergencies	4	_____
EMS 225	Clinical Experience II	1	_____
EMS 270	EMS Operations	1	_____
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	_____
EMS 275	Seminar in Advanced Life Support	1	_____
EMS 285	Field Internship and Summations	5-6	_____

TOTAL HOURS FOR CERTIFICATE — 46-47

ADDITIONAL COURSES for AAS DEGREE

		Credit	Grade
AHS 201	Management Principles for Health Care Providers	3	_____
ENG 101	Writing 1	3	_____
PSY 110	General Psychology	3	_____
	Computer/Digital Literacy	0-3	_____
	Heritage or Humanities	3	_____
	Quantitative Reasoning	3	_____
	Oral Communications	3	_____

TOTAL HOURS FOR ASSOCIATE IN APPLIED SCIENCE DEGREE — 63-67

PROGRAM REQUIREMENTS

1. Students must meet the eligibility requirements for licensure as a Paramedic in Kentucky.
   a. Be at least 18 years of age
   b. Posses a valid, government issue drivers license
   c. Possess a completed high school diploma or equivalency
   d. Possess a valid EMT certification that has not been subject to disciplinary action
2. Students must be physically fit enough to perform minimal entry level job requirements.
3. Health Requirements:
   a. Up to date immunizations as required by clinical sites
   b. Current negative TB skin test or chest X-ray

SEMESTER COURSE LISTING

Class	(Alternative)	Credit
First Year - Summer Term (7 HOURS)		
BIO 135	(_____)	_____
or BIO 137 & BIO 139	(_____)	_____
AHS 115	(_____)	_____
First Year - Fall Term (11-14 HOURS)		
FHM 100 or MAT 110*	(_____)	_____
EMS 200	(_____)	_____
EMS 210	(_____)	_____
EMS 211	(_____)	_____
EMS 215	(_____)	_____
ENG 101*	(_____)	_____
First Year - Spring Term (10-16 HOURS)		
EMS 220	(_____)	_____
EMS 221	(_____)	_____
EMS 230	(_____)	_____
EMS 225	(_____)	_____
EMS 270	(_____)	_____
Oral Communication, Computer/Digital Literacy*		
Second Year - Fall Term (12-15 HOURS)		
EMS 240	(_____)	_____
EMS 250	(_____)	_____
EMS 260	(_____)	_____
EMS 231	(_____)	_____
EMS 235	(_____)	_____
PSY 110*	(_____)	_____
Second Year - Spring Term (6-12 HOURS)		
EMS 275	(_____)	_____
EMS 285	(_____)	_____
AHS 201*	(_____)	_____
Heritage or Humanities*	(_____)	_____

TOTAL HOURS FOR CERTIFICATE — 46-47
TOTAL HOURS FOR AAS DEGREE — 63-67

**Denotes AAS requirements*

For more information on the EMS - Paramedic program, please contact:

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Interim Program Coordinator
606-451-3718
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STUDENT _____ ID NO. _____ DATE _____

SIGNATURE _____ ADVISOR _____