

## PROGRAMS

### EMERGENCY MEDICAL SCIENCE (A45340)

The Emergency Medical Science curriculum provides individuals with the knowledge, skills and attributes to provide advanced emergency medical care as a paramedic for critical and emergent patients who access the emergency medical system and prepares graduates to enter the workforce.

Students will gain complex knowledge, competency, and experience while employing evidence-based practice under medical oversight and serve as a link from the scene into the healthcare system.

Graduates of this program may be eligible to take state and/or national certification examinations. Employment opportunities include providers of emergency medical services, fire departments, rescue agencies, hospital specialty areas, industry, educational and government agencies.

The Emergency Medical Services – Paramedic program at Sandhills Community College is accredited by the Commission of Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee of Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

To contact CoAEMSP:

### Associate in Applied Science Degree Program

		Course Hours Per Week			Semester Hours
First Semester (Fall)		Class	Lab	Clinic	Credit
ACA-115	Success & Study Skills	0	2		1
BIO-168	Anatomy and Physiology I	3	3		4
EMS-110	EMT	6	6	3	9
MED-120	Survey of Med Terminology	2	0		2
<b>Credit Hours</b>		<b>11</b>	<b>11</b>	<b>3</b>	<b>16</b>
Second Semester (Spring)					
BIO-169	Anatomy and Physiology II	3	3		4
EMS-122	EMS Clinical Practicum I	0	0	3	1
EMS-130	Pharmacology	3	3		4
EMS-131	Advanced Airway Management	1	2		2
EMS-160	Cardiology I	2	3		3
EMS-210	Adv. Patient Assessment	1	3		2
ENG-111	Writing and Inquiry	3	0		3

Credit Hours		Course Hours Per Week			Semester Hours
		13	14	3	19
<b>Third Semester (Summer)</b>					
EMS-220	Cardiology II	2	3		3
EMS-221	EMS Clinical Practicum II	0	0	6	2
EMS-260	Trauma Emergencies	1	3		2
<b>Credit Hours</b>		<b>3</b>	<b>6</b>	<b>6</b>	<b>7</b>
<b>Fourth Semester (Fall)</b>					
EMS-231	EMS Clinical Pract III	0	0	9	3
EMS-240	Patients W/ Special Challenges	1	2		2
EMS-250	Medical Emergencies	3	3		4
EMS-270	Life Span Emergencies	3	3		4
ENG-112 or ENG-114	Writing/Research in the Disc or Prof Research & Reporting	3	0		3
<b>Credit Hours</b>		<b>10</b>	<b>8</b>	<b>9</b>	<b>16</b>
<b>Fifth Semester (Spring)</b>					
EMS-241	EMS Clinical Practicum IV	0	0	12	4
EMS-285	EMS Capstone	1	3		2
EMS***	EMS Elective	1-2	2-3		2-3
***	Humanities/Fine Arts Elective	3	3		3
***	Social/Behavioral Science Elective**	3	0		3
<b>Credit Hours</b>		<b>8-9</b>	<b>8-9</b>	<b>12</b>	<b>14-15</b>
Total Required Minimum Semester Hours Credit					72

Select one of the following for Social/Behavioral Science Elective:		Class	Lab	Clinic	Credit
PSY-118	Interpersonal Psychology	3	0		3
PSY-150	General Psychology	3	0		3
SOC-210	Introduction to Sociology	3	0		3
SOC-220	Social Problems	3	0		3
SOC-225	Social Diversity	3	0		3

Select one of the following for EMS Elective:					
EMS-115	Defense Tactics for EMS	1	3		2
EMS-125	EMS Instructor Methodology	2	2		3
EMS-140	Rescue Scene Management	1	3		2
EMS-150	Emergency Vehicles & EMS Comm	1	3		2
EMS-235	EMS Management	2	0		2
EMS-243	Wilderness EMT	1	2		2

Select one of the following for EMS Elective:					
EMS-115	Defense Tactics for EMS	1	3		2

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		Course Hours Per Week		Semester Hours
EMS-125	EMS Instructor Methodology	2	2	3
EMS-140	Rescue Scene Management	1	3	2
EMS-150	Emergency Vehicles & EMS Comm	1	3	2
EMS-235	EMS Management	2	0	2
EMS-243	Wilderness EMT	1	2	2

**Note:** Other courses from the Social/Behavioral Science offerings may be approved pending review by the Vice President of Instruction.

[View Catalog Archives](#)

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