

**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE  
EMERGENCY MEDICAL SCIENCE (Diploma) (D45340)**

Effective: Fall 2011

Revised: 01/18/12

The Emergency Medical Science diploma program is designed to prepare students with the entry-level skills as a Paramedic.

The course of study allows students the flexibility and opportunity to acquire basic and advanced life support knowledge and skills through classroom instruction, practical laboratory sessions, hospital clinical experience and field internships with emergency medical service agencies.

Students progressing through the program may be eligible to apply for both state and national certification exams. Employment opportunities include ambulance services, fire and rescue agencies, air medical services, specialty areas of hospitals, industry, educational institutions, and government agencies.

Length: 3 Semesters

Prerequisites: : High School Diploma or GED and 1Unit Biology, Placement Test Equivalent

Award: Diploma

**FALL I**

Prefix No.	Title	Class	Lab	Clinical	Credit
	ACA Elective	1	0	0	1
BIO163	Basic Anatomy & Physiology	4	2	0	5
EMS110	EMT-Basic	5	6	0	7
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	<b>Totals</b>	<b>10</b>	<b>8</b>	<b>0</b>	<b>13</b>

**FALL II**

Prefix No.	Title	Class	Lab	Clinical	Credit
EMS120	Intermediate Interventions	2	3	0	3
EMS121	EMS Clinical Practicum I	0	0	6	2
EMS130	Pharmacology I for EMS	1	3	0	2
EMS131	Adv Airway Management	1	2	0	2
ENG111	Expository Writing	3	0	0	3
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	<b>Totals</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>12</b>

**SPRING I**

Prefix No.	Title	Class	Lab	Clinical	Credit
EMS220	Cardiology	2	6	0	4
EMS221	EMS Clinical Practicum II	0	0	9	3
EMS270	Life Span Emergencies	2	2	0	3
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	<b>Totals</b>	<b>4</b>	<b>8</b>	<b>9</b>	<b>10</b>

**SPRING II**

Prefix No.	Title	Class	Lab	Clinical	Credit
CIS110	Introduction to Computers	2	2	0	3
	or				
CIS113	Computer Basics	0	2	0	1
EMS231	EMS Clinical Practicum III	0	0	9	3
EMS250	Advanced Medical Emergencies	2	3	0	3
EMS260	Advanced Trauma Emergencies	1	3	0	2
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	<b>Totals</b>	<b>3</b>	<b>8</b>	<b>9</b>	<b>9</b>

**SUMMER**

Prefix No.	Title	Class	Lab	Clinical	Credit
EMS241	EMS Clinical Practicum IV	0	0	9	3
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	<b>Totals</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>3</b>

**TOTAL REQUIRED CREDITS.... 47**

**Co-Op Option: NA**

Students with a felony conviction may have limited certification and employment opportunities.

## PROGRAM FACT SHEET

### EMERGENCY MEDICAL SCIENCE

A45340

The Emergency Medical Science curriculum is designed to prepare graduates to enter the workforce as paramedics. Additionally, the program can provide an Associate Degree for individuals desiring an opportunity for career enhancement.

The course of study provides the student an opportunity to acquire basic and advanced life support knowledge and skills by utilizing classroom instruction, practical laboratory sessions, hospital clinical experience, and field internships with emergency medical service agencies.

Student progressing through the program may be eligible to apply for both state and national certification exams. Employment opportunities include ambulance services, fire and rescue agencies, air medical services, specialty areas of hospitals, industry, educational institutions, and governmental agencies.

#### Awards

**Associate Degree:** Emergency Medical Science (A45340)

**Length of Program:** 5 Semesters

**Prerequisite:** High School Diploma or GED, 1 Unit of Algebra, 1 Unit of Biology, Placement Test Equivalent

**Diploma:** Emergency Medical Science (D45340)

**Length of Program:** 3 Semesters

**Prerequisite:** High School Diploma or GED, 1 Unit of Biology, Placement Test Equivalent

**Certificate:** Emergency Medical Science (C45340)

**Length of Program:** 1 Semester

**Prerequisite:** High School Diploma, GED, or Placement Test score of RED-090

**Certificate:** Emergency Medical Science (C45340H1)

**Length of Program:** 1 Semester

**Prerequisite:** High School Diploma, GED, or Placement Test score of RED-090

**EMS Bridge:** Emergency Medical Science (A45340B)

**Length of Program:** 2 Semesters

**Prerequisite:** 1 Unit of Algebra & Biology; Current North Carolina or National Registry EMT-Paramedic; Current Healthcare Provider Level CPR; Current Advanced Cardiac Life Support Provider; Current Pediatric Advanced Life Support; Current Basic Trauma Life Support or Pre-Hospital Trauma Life Support; Two Thousand (2000) documented hours of Paramedic Level Work Experience; Two Letters of Recommendation: One from the Medical Director; One from the Training Officer or Supervisor

**Cooperative Education Requirements/Opportunities:** For cooperative education requirements/opportunities please see the appropriate Program Edplan and/or Sequencing sheet.

**License or Certification Information:** Student completing the first semester of the Associate Degree Program or entering the Diploma Program should pass the North Carolina State or National Registry EMT-Basic Examination.

#### **Program Information Contact:**

Curriculum Chairperson: Rick Criste

Telephone Number: (910) 678-8515

Office Location: Health Technology Center, Room 169M

Email: [crister@faytechcc.edu](mailto:crister@faytechcc.edu)

Department Office: Health Technology Center, Room 169

Telephone: (910) 678-8264

FTCC Web Site: [www.faytechcc.edu](http://www.faytechcc.edu)

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson. Students should apply by January 30<sup>th</sup>. Specific health program admission requirements must be met before a student is eligible for admission.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 126; Telephone (910) 678-8242. Veterans Services, Student Center, Room 119, (910) 678-8395.

#### **Child Care Financial Assistance Information:**

See Child Care Associate, Student Center, Room 142; Telephone: (910) 678-8486

**ATTENTION:** If you have missed two (2) consecutive semesters, you must see a counselor to be readmitted into your program.