

# PARAMEDIC - ADVANCED LIFE SUPPORT, ASSOCIATE IN APPLIED SCIENCE (EMTP)

Effective: Spring 2016

The Associate in Applied Science Degree: Paramedic - Advanced Life Support program is designed for individuals who are seeking careers as paramedics. Paramedic careers include 9-1-1 emergency response, inter-facility and critical care transport via ground and aero-medical vehicles. The primary focus of the program is to provide the education, skills and clinical experiences to best prepare the entry level paramedic. The National Emergency Medical Services Education Standards: Paramedic Instructional Guidelines were used in developing the competencies and course content for the Paramedic - Advanced Life Support degree program.

An Associate in Applied Science will be awarded upon completion of the program with a 2.0 GPA and a "C" or better in all AHESN courses.

## SPECIAL REQUIREMENTS

An Associate of Applied Science will be awarded upon completion of the Paramedic-Advanced Life Support curriculum with a 2.0 GPA and a "C" or better in all Emergency Medical Services (EMTP and EMS) courses, BIO 150 Human Anatomy and Physiology I, BIO 151 Human Anatomy and Physiology II and NUS 102 Nursing Mathematics: Dosage Calculation and Drug Preparation. Students in this degree program must maintain a "C" or better in all EMTP courses and BIO 150 Human Anatomy and Physiology I and BIO 151 Human Anatomy and Physiology II to remain in the program and must progress through the curriculum in sequence. Students who do not maintain a "C" or better in BIO 150 Human Anatomy and Physiology I and BIO 151 Human Anatomy and Physiology II and all EMTP courses, in accordance with the program retest policy, will be dismissed from the program and must reapply to the program in a subsequent year.

Students will be allowed a total of one (1) retest for each written or practical final exam. A student is permitted to retest a total of three (3) retests of written or practical final examinations throughout the entire paramedic program. Failure to pass a 4th retest examination (written or practical) will result in dismissal from the Paramedic Program. Students will be allowed one (1) retest for the Program Summative Exam. There will be no opportunity to retest a quiz, group assignment, clinical assignment or research paper.

## REQUIRED DOCUMENTATION

Students are required to submit the following documentation to the Director of Emergency Services Education by the fourth week of the first spring semester of the program:

- Submit clear Criminal Background checks. Students living in Pennsylvania are required to submit a PA State Police background check as well as a FBI background check. Students living outside Pennsylvania are required to submit a PA State Police background check, a FBI background check and a criminal background check from their state of residence. If student has a prior criminal history, he/she will be required to petition to the PA Bureau of EMS and be approved for admissions prior to acceptance into the Paramedic program. Students with a prior criminal history are encouraged to

contact their Regional EMS office to determine their eligibility for state certification as a paramedic.

- Submit a clear Child Abuse background check.
- Successfully complete a physical examination, including drug testing.
- Submit verification of current medical health insurance, which must be maintained throughout the program.
- Be 18 years of age or older
- Be currently certified as a Pennsylvania Emergency Medical Technician or have a reciprocity application in process for PA EMT certification. This certification must be maintained throughout the program.
- Be currently certified as a CPR provider by one of the third-party accreditation bodies approved by the PA Department of Health, Bureau of Emergency Medical Services. This certification must be maintained throughout the program.

## NATIONAL REGISTRY EXAM

Upon successful completion of the 40 credits of EMTP and EMS core classes and 8 credits of BIO 150 Human Anatomy and Physiology I, BIO 151 Human Anatomy and Physiology II and NUS 102 Nursing Mathematics: Dosage Calculation and Drug Preparation, with a "C" or better, students are eligible to sit for the National Registry exam to become certified as a Paramedic. This national certification exam consists of twelve psychomotor (skills) stations as well as a computer-based cognitive exam. Completion of the A.A.S. degree does not guarantee the student a National Registry certification as a paramedic.

## DISMISSAL

Students may be dismissed from the program for violation of patient safety, confidentiality or behavior incompatible with acceptable standards pending outcome of the appeal process.

Students are expected to attend all scheduled classes. If a student is absent for more than 24 hours in the **entire** program they will be dismissed from the program. Students wishing to re-enter the program must re-apply.

Students who are accepted into the Paramedic – Advanced Life Support program are required to immediately divulge any misdemeanor or felony convictions that may occur while in the program to the Director of Emergency Services Education. Failure to do so will result in dismissal from the program in accordance with the Department of Health, Bureau of Emergency Medical Services policies. In addition, upon review by the Bureau of Emergency Medical Services, the student may be dismissed from the program and denied paramedic certification.

## PRIOR LEARNING

Students who are currently certified Paramedics wishing to obtain the Paramedic – Advanced Life Support A.A.S. degree may be awarded 36 credits for prior learning by DCCC upon evaluation of current documentation as required by the Assessment Center. Students who are awarded the credit for prior learning will be required to take two three-credit Emergency Management and Planning (EMER) courses in lieu of EMS 100.

This program requires a special process for admission. Check with Admissions (<https://www.dccc.edu/admissions-financial-aid/admissions/special-application-procedures/>) to submit additional materials and/or follow procedures for admission.

## Program Outcomes

- Demonstrate communication skills.
- Record documentation accurately.
- Perform pharmacology mathematical skills.
- Demonstrate the ability to comprehend, apply and evaluate clinical information.
- Demonstrate technical proficiency in all skills necessary to fulfill the role of a paramedic.
- Demonstrate personal behaviors consistent with professional and employer expectations.
- Demonstrate proficiency in EKG interpretation, medication administration, intubation procedures and intravenous initiation.
- Demonstrate entry level competencies in all clinical situations.
- Discuss and demonstrate the ability to differentiate the severity of illness.

## Curriculum

First Semester		Hours
EMS 100	Emergency Medical Technician	9
ENG 100	English Composition I	3
BIO 150	Human Anatomy and Physiology I	4
NUS 102	Nursing Mathematics: Dosage Calculation and Drug Preparation	1
<b>Hours</b>		<b>17</b>
Second Semester		Hours
BIO 151	Human Anatomy and Physiology II	4
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3
Any Diversity and Social Justice and Global Understanding designated Humanities or Social Science course		3
Select one of the following:		3-4
MAT 120	Modern College Mathematics	
MAT 121	Introduction to Probability and Statistics	
Or any Quantitative Reasoning designated Mathematics course		
<b>Hours</b>		<b>13-14</b>
Third Semester		Hours
Summer I		
EMTP 100	Introduction and Patient Assessment	6
<b>Hours</b>		<b>6</b>
Fourth Semester		Hours
Summer II		
EMTP 101	Pharmacology and Airway Management	6
<b>Hours</b>		<b>6</b>
Fifth Semester		Hours
EMTP 102	Trauma Assessment and Management	5
EMTP 103	Cardiology	4
EMTP 104	Medical Assessment and Management	3
EMTP 105	Clinical Rotations I	2
<b>Hours</b>		<b>14</b>
Sixth Semester		Hours
EMTP 200	Summative Field Clinical	8
EMTP 201	Operations and Special Patient Populations	4
EMTP 205	Clinical Rotations II	2
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>70-71</b>

## Notes

Diversity and Social Justice and Global Understanding designated courses ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#Dual\\_DJ\\_GU\\_CourseList](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#Dual_DJ_GU_CourseList)).

Quantitative Reasoning designated courses. ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR_Course_List))

## Accreditation

The Delaware County Community College Paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://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 25400 US Highway 19 N., Suite 158 Clearwater, FL 33763 727-210-2350 [www.caahep.org](http://www.caahep.org) To contact CoAEMSP: 8301 Lakeview Parkway Suite 111-312 Rowlett, TX 75088 214-703-8445 FAX 214-703-8992 [www.coaemsp.org](http://www.coaemsp.org) (<http://www.coaemsp.org/>).

## Student Outcomes:

According to CAAHEP accreditation guidelines for paramedic programs, the three-year average of outcomes must be posted.

**Class of 2016 as follows:** National Registry Written average: 75 percent, practical examinations: 78 percent, retention: 83.3 percent, positive placement at the completion of testing is now 100 percent.

**Class of 2017 as follows:** National Registry Written average: 75 percent, practical examinations: 100 percent, retention: 66.7 percent due to two students being dismissed for academic dishonesty; positive placement at the completion of testing is now 100 percent.

**Class of 2018:** National Registry written Pass Rate is 90.9%; retention rate is 76.5%; positive placement rate is 76.9% due to 2 students choosing to not pursue paramedic as a career after graduation and 1 student not successfully completing testing as of the time of the submission of the annual report. All CoAEMSP thresholds have been exceeded.

## Fall 2023 Changes

Catalog Addendum Effective Fall 2023:

Course	Title	Hours
First Semester		
EMS 100	Emergency Medical Technician	9
ENG 100	English Composition I	3
BIO 150	Human Anatomy and Physiology I	4
<b>Hours</b>		<b>16</b>
Second Semester		
BIO 151	Human Anatomy and Physiology II	4
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3
Any Diversity and Social Justice and Global Understanding designated Humanities or Social Science course <sup>DJ/GU</sup>		3
Select one of the following: <sup>QR</sup>		3-4
MAT 120	Modern College Mathematics	
MAT 121	Introduction to Probability and Statistics	

Or any Quantitative Reasoning designated Mathematics course		
	Hours	13-14
<b>Third Semester</b>		
EMTP 100	Introduction and Patient Assessment <sup>1</sup>	6
<b>Hours</b>		<b>6</b>
<b>Fourth Semester</b>		
EMTP 101	Pharmacology and Airway Management <sup>2</sup>	6
<b>Hours</b>		<b>6</b>
<b>Fifth Semester</b>		
EMTP 102	Trauma Assessment and Management	5
EMTP 103	Cardiology	4
EMTP 104	Medical Assessment and Management	3
EMTP 105	Clinical Rotations I	2
<b>Hours</b>		<b>14</b>
<b>Sixth Semester</b>		
EMTP 200	Summative Field Clinical	8
EMTP 201	Operations and Special Patient Populations	4
EMTP 205	Clinical Rotations II	2
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>69-70</b>

## Notes:

DJ Diversity and Social Justice ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#DJ\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#DJ_Course_List))

GU Global Understanding ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#GU\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#GU_Course_List))

QR Quantitative Reasoning ([https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR\\_Course\\_List](https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#QR_Course_List))

<sup>1</sup> Summer I: EMTP 100 Introduction and Patient Assessment

<sup>2</sup> Summer II: EMTP 101 Pharmacology and Airway Management