



Course Number and Title: EMT 227 Paramedic Clinical III

Campus Location:

Dover

Effective Date:

2021-51

Prerequisite:

EMT 202, EMT 203, EMT 211, EMT 217

Co-Requisites:

EMT 213

Course Credits and Hours:

3.00 credits

0.00 lecture hours/week

15.00 lab hours/week

Course Description:

A supervised clinical experience is provided in pertinent clinical and prehospital settings correlating with the knowledge skills and techniques presented in EMT 204, EMT 212, EMT 213, and EMT 215. Emphasis is placed on trauma care, pediatric care, and team- leader practice.

Required Text(s):

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore. Check your course schedule for the course number and section.

Additional Materials:

Stethoscope, safety glasses, name tags, composition notebook, 3-inch ringed binder

Schedule Type:

Classroom Course

Disclaimer:

All students must be able to access the Internet and know how to retrieve information from the Learning Management System on the DTCC web page.

Core Course Performance Objectives (CCPOs):

1. Perform primary assessments and manage patients requiring intervention. (CCC1, 2, 3, 5, 6; PGC 1, 2, 3, 4, 5, 6, 7, 8)
2. Perform secondary assessments based on patient presentation. (CCC 1, 2, 5, 6; PGC 1, 2, 3, 4, 5, 6, 7, 8)
3. Interpret history and clinical findings and use clinical reasoning to formulate a field impression. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 5, 6, 8)
4. Perform basic and advanced interventions. (CCC 2, 3, 4; PGC 1, 5, 8)
5. Communicate effectively with patients and clinical team. (CCC 1, 2, 3, 4; PGC 1, 4, 6, 7, 8)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

Measurable Performance Objectives (MPOs):

Upon completion of this course, the student will:

1. Perform primary assessments and manage patients requiring intervention.
 1. Recognize and correct any compromise in the primary assessment.
 2. Perform patient care that addresses deficits noted during the primary assessment using techniques such as maneuvers to open the airway, application of oxygen therapy, bag-valve-mask ventilation, positioning to address suspected shock-state and external cardiac compressions.
 3. Perform body substance isolation techniques.
2. Perform secondary assessments based on patient presentation.
 1. Utilize examination techniques: inspection, palpation, auscultation, and percussion.
 2. Modify approach based on patient severity and/or stability.
 3. Perform an accurate system assessment.
 4. Assess temperature and pain.
 5. Identify presence and type of adventitious lung sounds.
 6. Accurately assess vital signs: blood pressure, pulse rate, respiratory rate, pulse oximetry, ETCO₂, and capnography.
3. Interpret history and clinical findings and use clinical reasoning to formulate a field impression.
 1. Interpret vital signs to determine patient stability and status of respiration, circulation and perfusion.
 2. Interpret arterial blood gases and lab values.
 3. Modify approach based on patient severity and/or stability.
 4. Formulate treatment plans integrating Delaware Standing Orders.
4. Perform basic and advanced interventions.
 1. Identify a wound and perform closure using a technique appropriate for the wound type.
 2. Apply and interpret 3-lead and 12-lead EKGs.
 3. Select and assemble materials and insert catheters to establish intravenous access.
 4. Calculate and set flow rate for intravenous infusion.
 5. Perform clinical math calculations to calculate drug dosages.
 6. Prepare and administer medications via various routes: oral, inhalation, sublingual, intravenous, transdermal, intranasal, subcutaneous, and intramuscular.
 7. Prepare and perform advanced airway management techniques.
 8. Determine appropriate electrical therapeutic interventions.
5. Communicate effectively with patients and clinical team.
 1. Utilize communication techniques to conduct a patient interview to obtain a medical history, history of present illness, and assess mental status.
 2. Communicate the treatment plan to the clinical team.
 3. Exhibit a professional affect.

Evaluation Criteria/Policies:

The grade will be determined using the Delaware Tech grading system:

90	-	100	=	A
80	-	89	=	B
70	-	79	=	C
0	-	69	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

Core Curriculum Competencies (CCCs are the competencies every graduate will develop):

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):

1. Perform all psychomotor Paramedic skills in the National Emergency Medical Services Education Standards consistent with acceptable practice for an entry level paramedic.
2. Conduct complete, accurate and timely patient assessments, to include history and physical exam, and communicate findings.
3. Interpret assessment findings in order to accurately identify a differential diagnosis and integrate pathophysiologic principles and legal responsibilities to formulate a treatment plan.
4. Effectively perform the role of Team Leader to include: timely decision making, effective resource utilization, implementing appropriate plan of action for a given situation, adapting the plan to changing conditions and communicate.
5. Assess a scene or situation in order to identify threats to operating safely.
6. Apply communication and ethical decision-making skills required for an entry-level paramedic.
7. Exhibit professional affective behavior.

Disabilities Support Statement:

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.