

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2022
5 Semesters

EMERGENCY MEDICAL SCIENCE
Associate Degree (A45340)

Catalog/Academic Year 2023-2024
SPRING START

Key to symbols after some courses:

* Developmental courses (ENG 002, MAT 003, and/or CHM 094) may be required based on admissions requirements, college placement, and course requisites.

^{GE} Fulfills the general education requirements for this degree.

SPRING SEMESTER 2024

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
BIO 168 Anatomy & Physiology I ^{*GE} OR BIO 163 Basic Anatomy and Physiology*	3-4	2-3	0	4-5	See BIO options below	
EMS 110 Emergency Medical Technician	6	6	3	9		
ENG 111 Writing and Inquiry ^{*GE}	3	0	0	3		
Medical Terminology Requirement					See Med Terminology options below	

SUMMER TERM 2024

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
BIO 169 Anatomy & Physiology II OR MAT 110 Math Measurement & Literacy ^{*GE}	2-3	2-3	0	3-4	Based on BIO selected in first semester	
ENG 112 Writing/Research in the Disciplines ^{GE}	3	0	0	3		
PHI 215 Philosophical Issues ^{GE}	3	0	0	3		

FALL SEMESTER 2024

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
EMS 122 EMS Clinical Practicum I	0	0	3	1	Mini-Session I	
EMS 130 Pharmacology	3	3	0	4		
EMS 131 Advanced Airway Management	1	2	0	2	Mini-Session I	
EMS 160 Cardiology I	2	3	0	3	Mini-Session II, hybrid	
EMS 221 EMS Clinical Practicum II	0	0	6	2	Mini-Session II	

SPRING SEMESTER 2025

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
EMS 220 Cardiology II	2	3	0	3	Mini-session I, hybrid	
EMS 231 EMS Clinical Practicum III	0	0	9	3		
EMS 240 Patients with Special Challenges	1	2	0	2	Mini-Session I	
EMS 250 Medical Emergencies	3	3	0	4	Mini-Session II	
EMS 260 Trauma Emergencies	1	3	0	2	Mini-Session I	
EMS 270 Life Span Emergencies	3	3	0	4	Mini-Session II	

SUMMER TERM 2025

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
EMS 241 Clinical Practicum IV	0	0	12	4		
EMS 285 EMS Capstone	1	3	0	2	Mini-Session I	
PSY 150 General Psychology* ^{GE}	3	0	0	3		

MINIMUM SEMESTER HOURS REQUIRED FOR AAS DEGREE**67****Biology Options (take one set):**

- Take BIO 168 Anatomy & Physiology I (4 SHC) **AND** BIO 169 Anatomy & Physiology II (4 SHC)
- OR**
- Take BIO 163 Basic Anatomy & Physiology (5 SHC) **AND** MAT 110 Math Measurement & Literacy (3 SHC)

Medical Terminology (take one set):

- Take MED 120 Survey of Medical Terminology (2 SHC)
- OR**
- Take MED 121 Medical Terminology I (3 SHC) **AND** MED 122 Medical Terminology II (3 SHC)

For additional information about requirements and graduation, please refer to the [Curriculum Program Completion and Graduation](#) policy. Program-specific criteria may be found on the respective [Programs](#) page. For questions about this program, consult the Program Director or an advisor for assistance.