EMERGENCY MEDICAL SERVICES

Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Contact(s)</th>
<th>Lab(s)</th>
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<tr>
<td>EMS 0110</td>
<td>EMERGENCY MEDICAL TECHNICIAN</td>
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<td>EMS 1010</td>
<td>ESSENTIALS OF HUMAN STRUCTURE AND FUNCTION</td>
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<td>EMS 1119</td>
<td>FUNDAMENTALS OF EMERGENCY MEDICAL TECHNOLOGY</td>
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<td>EMS 119L</td>
<td>FUNDAMENTALS OF EMERGENCY MEDICAL TECHNOLOGY PRACTICE</td>
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<td>EMS 2522</td>
<td>EMERGENCY PHARMACOLOGY</td>
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EMS 2604L. PARAMEDIC II LABORATORY.  2 0 6
PARAMEDIC II LABORATORY Corequisites: EMS 2604 and EMS 2667L
This course is designed to develop an EMS healthcare professional who
is capable of providing Basic and Advanced Life Support (BLS and ALS)
in all aspects of emergency care. During this competency-based lab,
students will develop, practice and master paramedic skills. Laboratory
exercises emphasize patient assessment, trauma and medical skills
and treatment strategies, ECG equipment and interpretation, cardiac
therapeutic interventions, application of computer skills including mega-
code scenarios, trauma scenarios, medical scenarios, ECG recognition,
and Advanced Cardiac Life Support resuscitative care. This course
includes Modules 4, and 5 of the DOT National Standard Curriculum for
Paramedic Programs. (Special Fee: $278.00).
EMS 2605. PARAMEDIC III.  3 3 0
PARAMEDIC III Prerequisites: EMS 2604, EMS 2604L and EMS 2667L
Corequisites: EMS 2605L and EMS 2668L. EMS 2605 is the third course
in the sequence necessary for completion of the Paramedic Program.
The course is designed to reinforce and expand upon the materials and
clinical skills learned at the EMT, and Paramedic I and II levels and to
integrate prior learning with enhanced advanced life support concepts
and skills. Emphasis is placed on patient assessment and recognition of
significant findings, pre-hospital differential diagnosis and treatment
strategies, pathophysiology, gynecologic emergencies, obstetrical
emergencies, neonatal emergencies, pediatric emergencies, and geriatric
emergencies. This course includes Modules 6, and 7 of the DOT National
Standard Curriculum for Paramedic Programs.
EMS 2605L. PARAMEDIC III LABORATORY.  1 0 3
PARAMEDIC III LABORATORY Corequisites: EMS 2605 and EMS 2668L
EMS 2605L is designed to develop a health professional who is capable
of providing Basic and Advanced Life Support (BLS and ALS) in all
aspects of emergency care. During this competency-based lab students
will develop, practice and master paramedic skills. Laboratory exercises
emphasize obstetrical, and neonatal management, pediatric assessment,
pediatric airway management and ventilation, intravenous and intra-
ossesous therapy, medication administration, Pediatric Advanced Life
Support (PALS) certification, advanced vascular devices used in home
health and assessment based management and operations. This course
includes Modules 6, and 7 of the DOT National Standard Curriculum for
Paramedic Programs. (Special Fee: $215.00).
EMS 2659L. PARAMEDIC IV (PROVISIONAL FIELD INTERNSHIP).
PARAMEDIC IV (PROVISIONAL FIELD INTERNSHIP) Prerequisites:
EMS 2605, EMS 2605L, and EMS 2668. EMS 2659L is the last course
necessary to complete the Paramedic Certificate Program. Under the
auspices of the medical director, this course is designed to provide the
student with intensive clinical experience which fosters the development
of leadership skills, expands and further develops clinical skills, and
allows for the transition from observer to team leader in the professional
paramedic role. Documented student participation as the team leader
during a "code" must be completed during this course if these skills
have not been completed during the previous out-of-hospital clinical
practicum. This course includes Module 8 of the DOT National Standard
Curriculum for Paramedic Programs. (Special Fee: $81.00).
EMS 2666L. PARAMEDIC I CLINICAL.  4 0 12
PARAMEDIC I CLINICAL Corequisites: EMS 2603 and EMS 2603L and
EMS 2522 Practicum providing the opportunity for each student to
develop competency in clinical skills within the hospital/field setting.
Stresses the integration of basic computer skills, application of EMT and
paramedic skills and techniques.Directed clinical experiences include
emergency departments, medical examiner’s office (autopsy), geriatric
and mental health facilities. This course includes Modules 1, 2, and
3 of the DOT National Standard Curriculum for Paramedic Programs.
(Professional liability insurance required.) (Special Fee: $73.00).
EMS 2667L. PARAMEDIC II CLINICAL.  4 0 12
PARAMEDIC II CLINICAL Corequisites: EMS 2604 and EMS 2604L
Practicum providing the opportunity in hospital and out-of-hospital
settings for each student to develop competency in clinical skills
necessary to serve as a member of an advanced life support team.
Stresses the integration of EMT and paramedic responsibilities so
the student gains knowledge and confidence in clinical problem
solving. Directed clinical experiences include pre-hospital, emergency
departments and critical care units. This course includes Modules 4, and
5 of the DOT National Standard Curriculum for Paramedic Programs.
(Professional liability insurance required.).
EMS 2668L. PARAMEDIC III CLINICAL.  3 0 9
PARAMEDIC III CLINICAL Corequisites: EMS 2605 and EMS 2605L
This practicum stresses clinical application of advanced procedures
and theories in pediatrics and OB. Directed experiences will be in
neonatology, obstetrics, physician mentorships, pediatric emergency
departments, and clinics. Local hospitals will be utilized. This course
includes Modules 6, and 7 of the DOT National Standard Curriculum for
Paramedic Programs. (Professional liability insurance required).
EMS 2930. SELECTED TOPICS IN EMS.  1-5 variable
SELECTED TOPICS IN EMS Designed for students interested in obtaining
additional skills as EMT or paramedic. Provides clinical experience and/
or didactic activities. May require student to provide professional liability
insurance. Multiple credit course. May be repeated for credit, but grade
forgiveness cannot be applied. (Special fee may be required.).