

# Emergency Medical Services

## AWARDS

Emergency Medical Services A.S. Degree (Traditional Track) . . . 70 cr
Emergency Medical Services A.S. Degree (Accelerated Track) . 70 cr
Paramedic Diploma . . . . . 40 cr
Emergency Medical Technician Certificate . . . . . 9 cr
Community Paramedic Certificate . . . . . 12 cr

## PURPOSE

This program is designed to offer comprehensive education and occupational preparation in the field of advanced pre-hospital emergency care. Paramedics are employed by advanced life support ambulance services as well in various out-of-hospital care settings to provide care in medical and traumatic emergencies. Two degree tracks are offered, both leading to an Associate of Science in Emergency Medical Services; a third diploma option is offered for those who may already have a degree, or are seeking a career as a paramedic without completing additional liberal arts coursework.

The Emergency Medical Services program also offers emergency medical technician (EMT) training in basic emergency medical care.

## PROGRAM INFORMATION

A separate program application is required for admittance into the Paramedic Program.

Developmental math and developmental English courses may be required for admission to the program, but cannot be applied to graduation requirements. Students must achieve a grade of C or higher in all required EMS and Liberal Arts courses.

*Note: If you have been arrested, charged or convicted of any criminal offense, you should investigate the impact that the arrest, charge or conviction may have on your chances of employment in the field you intend to study or on your chances to obtain federal, state and other higher education financial aid. Some courses within this program require a criminal background study to successfully complete. Please see the course description section of the catalog for more details. Please refer to the Criminal Background section of the catalog for more information on the criminal background study.*

## EMERGENCY MEDICAL SERVICES - TRADITIONAL TRACK (PARAMEDIC) A.S., 70 CREDITS

Paramedic Curriculum . . . . . 40 cr
General Education Curriculum . . . . . 30 cr

Clinical learning experiences are provided with ambulance services and hospitals throughout the metropolitan area. A Minnesota EMT certificate is required prior to acceptance into the paramedic program. Graduates are awarded an A.S. degree and are eligible to take the National Registry Paramedic written and practical exam.

### Paramedic Curriculum 40 credits

*(requires formal acceptance into Paramedic program)*

<input type="checkbox"/> EMS 1120 Introduction to EKG Interpretation . . . . . 1
<input type="checkbox"/> EMS 1122 EMS Systems . . . . . 2
<input type="checkbox"/> EMS 1131 Field Skills Practicum I. . . . . 2
<input type="checkbox"/> EMS 1150 Introduction to Pharmacology. . . . . 1
<input type="checkbox"/> EMS 1188 Paramedic Patient Care Clinical . . . . . 2
<input type="checkbox"/> EMS 2420 Pathophysiology for EMS . . . . . 2
<input type="checkbox"/> EMS 2440 Trauma Management . . . . . 2
<input type="checkbox"/> EMS 2460 Medical Emergencies I . . . . . 2
<input type="checkbox"/> EMS 2430 Advanced Pharmacology . . . . . 2
<input type="checkbox"/> EMS 2464 Respiratory Emergencies . . . . . 2
<input type="checkbox"/> EMS 2466 Cardiovascular Emergencies . . . . . 2
<input type="checkbox"/> EMS 2470 Field Skills Practicum II . . . . . 2
<input type="checkbox"/> EMS 2488 Paramedic Patient Care Internship I. . . . . 4
<input type="checkbox"/> EMS 2560 Medical Emergencies II. . . . . 2
<input type="checkbox"/> EMS 2530 Peds/OB/GYN Emergencies . . . . . 1
<input type="checkbox"/> EMS 2540 Special Rescue Operations . . . . . 2
<input type="checkbox"/> EMS 2570 Field Skills Practicum III. . . . . 2
<input type="checkbox"/> EMS 2580 Synthesis of Advanced Life Support. . . . . 2
<input type="checkbox"/> EMS 2588 Paramedic Patient Care Internship II . . . . . 2
<input type="checkbox"/> EMS 2589 Paramedic Capstone Field Internship . . . . . 3

### General Education Curriculum 30 credits

<input type="checkbox"/> ENG 1108 Writing and Research Skills . . . . . 4
<input type="checkbox"/> ENG 1111 Research Writing <sup>1</sup> . . . . . 2
<input type="checkbox"/> COMM 1100 Interpersonal Communication OR COMM 2240 Intercultural Communication . . . . . 3
<input type="checkbox"/> BIOL 1120 Exploring Biology OR BIOL 1154 Principles of Biology I. . . . . 4
<input type="checkbox"/> BIOL 2201 Human Anatomy & Physiology I. . . . . 4
<input type="checkbox"/> BIOL 2202 Human Anatomy & Physiology II. . . . . 4
<input type="checkbox"/> PSYC 1230 Psychology of Death, Dying and Loss . . . . . 3
<input type="checkbox"/> MnTC Goal 5 course . . . . . 3
<input type="checkbox"/> MnTC Goal 6 course. . . . . 3

**TOTAL CREDITS 70**

<sup>1</sup>ENG 1114 or ENG 1130 may be substituted to fulfill this requirement

## EMERGENCY MEDICAL SERVICES - ACCELERATED TRACK (PARAMEDIC)

A.S., 70 CREDITS

Department Curriculum . . . . .	40 cr
Liberal Arts. . . . .	30 cr

### PROGRAM INFORMATION

The accelerated track is a separate program offered to paramedics with a current paramedic certification. Students must apply both to the college and the program. Applications are accepted year-round. This track allows working paramedics to complete the A.S. degree at Inver Hills. Students must successfully complete the Inver credit residency requirement for graduation.

#### Department Curriculum **40 credits**

Equivalent Credit for Paramedic Certificate/Experience . . . . . 40

#### Liberal Arts **30 credits**

<input type="checkbox"/> ENG 1108 Writing and Research Skills . . . . .	4
<input type="checkbox"/> ENG 1111 Research Writing <sup>1</sup> . . . . .	2
<input type="checkbox"/> COMM 1100 Interpersonal Communication OR COMM 2240 Intercultural Communication . . . . .	3
<input type="checkbox"/> BIOL 1120 Exploring Biology OR BIOL 1154 Principles of Biology I . . . . .	4
<input type="checkbox"/> BIOL 2201 Human Anatomy & Physiology I. . . . .	4
<input type="checkbox"/> BIOL 2202 Human Anatomy & Physiology II . . . . .	4
<input type="checkbox"/> PSYC 1230 Psychology of Death, Dying and Loss . . . . .	3
<input type="checkbox"/> MnTC Goal 5 course. . . . .	3
<input type="checkbox"/> MnTC Goal 6 course . . . . .	3

**TOTAL CREDITS 70**

<sup>1</sup>ENG 1114 or ENG 1130 may be substituted to fulfill this requirement

## PARAMEDIC DIPLOMA, 40 CREDITS

### PURPOSE

This program is designed to offer comprehensive education and occupational preparation in the field of advanced pre-hospital emergency care, intended for those who already have a degree or those who wish to obtain certification as a paramedic without taking additional liberal arts coursework. Paramedics are employed by advanced life support ambulance services as well as in various out-of-hospital care settings to provide care in medical and traumatic emergencies. Graduates are eligible to take the National Registry Paramedic written and practical exam. *A separate program application is required for admittance into the Paramedic program.*

#### Paramedic Curriculum **40 credits**

(requires formal acceptance into Paramedic program)

<input type="checkbox"/> EMS 1120 Introduction to EKG Interpretation . . . . .	1
<input type="checkbox"/> EMS 1122 EMS Systems . . . . .	2
<input type="checkbox"/> EMS 1131 Field Skills Practicum I. . . . .	2
<input type="checkbox"/> EMS 1150 Introduction to Pharmacology. . . . .	1
<input type="checkbox"/> EMS 1188 Paramedic Patient Care Clinical . . . . .	2
<input type="checkbox"/> EMS 2420 Pathophysiology for EMS . . . . .	2
<input type="checkbox"/> EMS 2440 Trauma Management . . . . .	2
<input type="checkbox"/> EMS 2460 Medical Emergencies I . . . . .	2
<input type="checkbox"/> EMS 2430 Advanced Pharmacology . . . . .	2
<input type="checkbox"/> EMS 2464 Respiratory Emergencies . . . . .	2
<input type="checkbox"/> EMS 2466 Cardiovascular Emergencies . . . . .	2
<input type="checkbox"/> EMS 2470 Field Skills Practicum II . . . . .	2
<input type="checkbox"/> EMS 2488 Paramedic Patient Care Internship I. . . . .	4
<input type="checkbox"/> EMS 2560 Medical Emergencies II. . . . .	2
<input type="checkbox"/> EMS 2530 Peds/OB/GYN Emergencies . . . . .	1
<input type="checkbox"/> EMS 2540 Special Rescue Operations . . . . .	2
<input type="checkbox"/> EMS 2570 Field Skills Practicum III. . . . .	2
<input type="checkbox"/> EMS 2580 Synthesis of Advanced Life Support. . . . .	2
<input type="checkbox"/> EMS 2588 Paramedic Patient Care Internship II . . . . .	2
<input type="checkbox"/> EMS 2589 Paramedic Capstone Field Internship . . . . .	3

**TOTAL CREDITS 40**

## EMERGENCY MEDICAL TECHNICIAN (EMT)

CERTIFICATE, 9 CREDITS

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### PURPOSE

This certificate is designed to provide a basic education in emergency medical care, teach the competencies required for students to prepare for the national certification examination and to prepare students for certification and a career as an Emergency Medical Technician (EMT). This program will teach responsibility in emergency care of the critically sick or injured and develop skills in the use of and care of all basic emergency equipment. The program curriculum includes topics such as patient assessment, trauma skills, care and recognition of heart disease, respiratory problems and other medical emergencies and includes field clinical experience. *In order to enroll in any paramedic course, you will need to obtain EMT certification.*

### PROGRAM INFORMATION

The EMT program is approved by the Minnesota Emergency Medical Services Regulatory Board. Participants who successfully complete the certificate program will be eligible to take the National Registry of EMT's practical and written examinations for State of Minnesota and National Certification and employment as an EMT.

### EMT Certificate Curriculum **9 credits**

- EMS 1101 Emergency Medical Technician . . . . . 6
- EMS 1102 Emergency Medical Technician Practicum . . . . . 3

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**TOTAL CREDITS 9**

## COMMUNITY PARAMEDIC CERTIFICATE, 12 CREDITS

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### PURPOSE

Provides additional training to certified, experienced paramedics in the areas of public health, health prevention, patient advocacy, triage, disease management, mental health and the management of ongoing illness or injury. The Community Paramedic works under the direction of an EMS Medical Director in cooperation with a primary care doctor. Community Paramedics work for EMS agencies, health care organizations or in other areas of public health.

### Community Paramedic Core Curriculum **12 credits**

- EMS 2900 Role of the Community Paramedic . . . . . 2
- EMS 2910 Community Assessment . . . . . 3
- EMS 2920 Pathophysiology and Disease Management for the Community Paramedic . . . . . 2
- EMS 2930 Community Paramedic Patient Care Experience . . . . . 5

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**TOTAL CREDITS 12**



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