

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
Advanced Emergency Medical Technician (AEMT) Certificate	10 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, as well as training towards the Advanced EMT certificate.

PROGRAM INFORMATION

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

Developmental math and developmental English courses may be required for admission to the program, but cannot be applied to graduation requirements.

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
Liberal Arts	30 cr

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

Paramedic Curriculum 40 credits

Pre-Core Program

<input type="checkbox"/> EMS 1122 EMS Systems	2
<input type="checkbox"/> EMS 1130 Advanced EMT	4
<input type="checkbox"/> EMS 1131 Advanced EMT Practicum	2
<input type="checkbox"/> EMS 1188 Advanced EMT Patient Care Experience	2

Paramedic Core

(requires formal acceptance into Paramedic Core program)

<input type="checkbox"/> EMS 2420 Pathophysiology for EMS	3
<input type="checkbox"/> EMS 2430 Advanced Pharmacology	2
<input type="checkbox"/> EMS 2440 Shock and Trauma	2
<input type="checkbox"/> EMS 2460 Medical Emergencies I	3
<input type="checkbox"/> EMS 2470 Field Skills Practicum I	3
<input type="checkbox"/> EMS 2488 Paramedic Patient Care Experience I	2
<input type="checkbox"/> EMS 2530 Peds/OB/GYN Emergencies	2
<input type="checkbox"/> EMS 2540 Special Rescue Operations	2
<input type="checkbox"/> EMS 2560 Medical Emergencies II	4
<input type="checkbox"/> EMS 2570 Field Skills Practicum II	2
<input type="checkbox"/> EMS 2580 Synthesis of Advanced Life Support	1
<input type="checkbox"/> EMS 2588 Paramedic Patient Care Experience II	4

Liberal Arts 30 credits

<input type="checkbox"/> ENG 1108 Writing and Research Skills	4
<input type="checkbox"/> ENG 1111 Research Writing	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 elective	3
<input type="checkbox"/> MnTC Goal 6 elective	3

TOTAL CREDITS 70

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
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Liberal Arts 30 credits

<input type="checkbox"/> ENG 1108 Writing and Research Skills	4
<input type="checkbox"/> ENG 1111 Research Writing	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 elective.....	3
<input type="checkbox"/> MnTC Goal 6 elective.....	3

TOTAL CREDITS 70

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 Core program.*

Paramedic Curriculum 40 credits

Pre-Core Program

<input type="checkbox"/> EMS 1122 EMS Systems	2
<input type="checkbox"/> EMS 1130 Advanced EMT	4
<input type="checkbox"/> EMS 1131 Advanced EMT Practicum	2
<input type="checkbox"/> EMS 1188 Advanced EMT Patient Care Experience	2

Paramedic Core (requires formal acceptance into Paramedic Core program)

<input type="checkbox"/> EMS 2420 Pathophysiology for EMS.....	3
<input type="checkbox"/> EMS 2430 Advanced Pharmacology	2
<input type="checkbox"/> EMS 2440 Shock and Trauma.....	2
<input type="checkbox"/> EMS 2460 Medical Emergencies I.....	3
<input type="checkbox"/> EMS 2470 Field Skills Practicum I.....	3
<input type="checkbox"/> EMS 2488 Paramedic Patient Care Experience I.....	2
<input type="checkbox"/> EMS 2530 Peds/OB/GYN Emergencies.....	2
<input type="checkbox"/> EMS 2540 Special Rescue Operations.....	2
<input type="checkbox"/> EMS 2560 Medical Emergencies II	4
<input type="checkbox"/> EMS 2570 Field Skills Practicum II	2
<input type="checkbox"/> EMS 2580 Synthesis of Advanced Life Support	1
<input type="checkbox"/> EMS 2588 Paramedic Patient Care Experience II	4

TOTAL CREDITS 40

EMERGENCY MEDICAL TECHNICIAN (EMT) CERTIFICATE, 9 CREDITS

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 pre-core 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

TOTAL CREDITS 9

ADVANCED EMERGENCY MEDICAL TECHNICIAN (AEMT) CERTIFICATE, 10 CREDITS

PURPOSE

Designed to provide expanded depth and breadth for students who have completed an Emergency Medical Technician course, this curriculum meets the National EMS Education Standards for training of the Advanced EMT (AEMT). The AEMT provides basic and limited advanced medical care to ill and injured patients above the scope of an EMT. Program curriculum includes pathophysiology of medical and traumatic conditions, critical thinking skills, some advanced airway management, basic pharmacology, incident operations, intravenous therapy and fluid administration along with field and hospital experiences. Curriculum in this certificate may be applied toward the Paramedic Certificate or A.S. degree. *Current EMT certification required prior to and during all coursework.*

Core AEMT Curriculum 10 credits

- EMS 1122 EMS Systems 2
- EMS 1130 Advanced EMT Lecture 4
- EMS 1131 Advanced EMT Lab 2
- EMS 1188 Advanced EMT Experience 2

TOTAL CREDITS 10

COMMUNITY PARAMEDIC CERTIFICATE, 12 CREDITS

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

TOTAL CREDITS 12



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