

Emergency Medical Services

EMERGENCY MEDICAL SERVICES (A.S.; A.S. Accelerated Track; Certificates)

A.S., Emergency Medical Services - Traditional Track (Paramedic) (75 CREDITS)

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 as in various out-of-hospital care settings, and provide care in a variety of medical and traumatic emergencies. Graduates are awarded an A.S. degree and are eligible to take the National Registry Paramedic written and practical exam.

Program Information

A separate program application is required for admittance into the Paramedic Core program. Two unique curricular tracks are offered, both leading to an A.S. in Emergency Medical Services. A third option is offered for those seeking a career as a paramedic, but not seeking a degree. Clinical learning experiences are provided with ambulance services and hospitals throughout the metropolitan area.

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.

EMS Curriculum (45 credits)

Pre-Core Program

EMS 1110 EMS Operations	2 cr
EMS 1122 EMS Systems	2 cr
EMS 1123 Emergency Response to Crisis	1 cr

EMS 1130 Advanced EMT	4 cr
EMS 1131 Advanced EMT Practicum	2 cr
EMS 1150 Pharmacology for the AEMT	1 cr
EMS 1188 Advanced EMT Patient Care Experience	2 cr

Paramedic Core

(require formal acceptance into Paramedic Core program)

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

Liberal Arts (30 credits)

ENG 1108 Writing and Research Skills	4 cr
ENG 1111 Research Writing in the Disciplines	2 cr
COMM 1100 or 2240	3 cr
BIOL 1120 or 1154	4 cr
BIOL 2201 Anatomy and Physiology I	4 cr
BIOL 2202 Anatomy and Physiology II	4 cr
PSYC 1230 Psychology of Death, Dying and Loss	3 cr
Social Sciences (See Goal 5 of MnTC)	3 cr
Humanities/Fine Arts/Literature (See Goal 6 of MnTC)	3 cr

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

A.S., Emergency Medical Services - Accelerated Track (Paramedic)
(75 CREDITS)

Program Information

The accelerated track is a separate program offered to qualified paramedics. 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 IHCC credit residency requirement for graduation.

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.

Department Curriculum	(45 credits)
EMS 1123 Emergency Response to Crisis	1 cr
EMS 2420 Pathophysiology for EMS	3 cr
EMS 2580 Synthesis of Advanced Life Support	1 cr
Equivalent Credit for Paramedic Certificate/Experience	40 cr

Liberal Arts Curriculum	(30 credits)
ENG 1108 Writing and Research Skills	4 cr
ENG 1111 Research Writing in the Disciplines	2 cr
COMM 1100 or 2240	3 cr
BIOL 1120 or 1154	4 cr
BIOL 2201 Anatomy and Physiology I	4 cr
BIOL 2202 Anatomy and Physiology II	4 cr
PSYC 1230 Psychology of Death, Dying and Loss	3 cr
History/Social Science/Behavioral Science (See Goal 5 of MnTC)	3 cr
Humanities/Fine Arts/Literature (See Goal 6 of MnTC)	3 cr

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

Emergency Medical Technician 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 teaches responsibility in emergency care of the critically sick or injured, and develops skills in the use of and care of all basic emergency equipment. 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.

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 EMTs practical and written examinations for state of Minnesota and national certification and employment as an EMT. Students are required to provide proof of certification in Healthcare Provider CPR (or equivalent), valid through the end of the EMT course.

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. The course within this program requires 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.

EMT Certificate Curriculum	(9 credits)
EMS 1101 Emergency Medical Technician	9 cr

Advanced Emergency Medical Technician (AEMT) Certificate

(14 CREDITS)

**Pending MnSCU approval*

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.

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.

Core Curriculum	(14 credits)
EMS 1110 EMS Operations	2 cr
EMS 1122 EMS Systems	2 cr
EMS 1123 Emergency Response to Crisis	1 cr
EMS 1130 Advanced EMT Lecture	4 cr
EMS 1131 Advanced EMT Lab	2 cr
EMS 1150 Pharmacology for the AEMT	1 cr
EMS 1188 AEMT Patient Care Experience	2 cr

"This certificate program has not yet been approved by the Minnesota State Colleges and Universities system. Students are welcome to enroll in the required courses; however, they may not officially declare the program at this time. Check the college's website for updates of this status.

Paramedic Diploma

(45 CREDITS)

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 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.

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.

Paramedic Curriculum (45 credits)

Pre-Core Program

EMS 1110 EMS Operations	2 cr
EMS 1122 EMS Systems	2 cr
EMS 1123 Emergency Response to Crisis	1 cr
EMS 1130 Advanced EMT	4 cr
EMS 1131 Advanced EMT Practicum	2 cr
EMS 1150 Pharmacology for the AEMT	1 cr
EMS 1188 Advanced EMT Patient Care Experience	2 cr

Paramedic Core

(Require formal acceptance into Paramedic Core program)

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

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

Community Paramedic Certificate

(12 CREDITS)

Purpose

Provides additional training to certified 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.

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.

Core Curriculum	(12 credits)
EMS 2900 Role of the Community Paramedic	2 cr
EMS 2910 Community Assessment	3 cr
EMS 2920 Pathophysiology and Disease Management for the Community Paramedic	2 cr
EMS 2930 Community Paramedic Patient Care Experience	5 cr

Inver Hills
Community College

2016-2017 CATALOG

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UNIVERSITIES SYSTEM AND AN AFFIRMATIVE ACTION, EQUAL OPPORTUNITY
EMPLOYER AND EDUCATOR

