

Minnesota North College – Vermilion Campus
Wilderness Emergency Medical Services

Academic Year 2022-23
Certificate (13 credits)

Required Coursework – 11 Credits	Prerequisites	Credits	Hr Lc/Lb
EMSV 1275 – Wilderness First Responder (spring)	(CLR)	3	(1/4)
<u>OR</u> EMSV 1400 – Emergency Medical Responder (EMR) (fall)			(2/2)
EMSV 1761 – Technical Rescue 1 (fall)		2	(0.5/3)
EMSV 1762 – Technical Rescue 2 (spring)		2	(0.5/3)
PREC 1255 – Search Management Systems (spring)		2	(1.5/1)
PREC 1435 – Wilderness Survival (fall)	(CLR)	2	(1/2)

Restricted Electives – 2 credits (minimum) required	Prerequisites	Credits	Hr Lc/Lb
OUTL 1210 – Backpack Expedition (spring)		2	(0.5/3)
OUTL 1230 – Canoe Expedition (fall)		2	(0.5/3)
OUTL 1251 – Outdoor Pursuits 1 (fall)		3	(1.5/3)
OUTL/PHED 1128 – Canoeing (fall)		1	(0.2/1.6)
OUTL/PHED 1134 – Dogsledding (spring)		1	(0.2/1.6)
OUTL/PHED 1146 – Rock Climbing (fall)		1	(0.2/1.6)
OUTL/PHED 1152 – Winter Camping (spring)		1	(0.2/1.6)
OUTL/PHED 1122 – Backpacking (spring)		1	(0.4/1.2)

Program Description:

The Wilderness Emergency Medical Services program trains participants to be part of the nation’s Emergency Medical System. A wilderness emphasis is placed on the following areas of study: scene control, patient assessment, triage, use of standard equipment, transport concerns, legalities, and physiological theory related to medical and trauma situations. Emergency Medical Responder (EMR) certification requires a skills test competencies, 70% passing scores on all sections of the National Registry Exam, and fee payments.

Occupational Titles

Successful students in this certificate should have the skills necessary to seek employment as Emergency Medical Responders (EMRs) and in some park and back-country positions. Additionally, completion of this certificate would enhance the skill sets of students in other academic programs such as Criminal Justice-Police Science A.S., Outdoor Leadership A.S., Wilderness and Park Management A.A.S., and Wildland/Wildlife Law Enforcement A.A.S. In combination with an appropriate two-year degree, this certificate would be beneficial for employment in numerous law enforcement agencies, as well as the National Park Service, the Department of Natural Resources, the United States Forest Service, and in numerous volunteer and professional medical and rescue positions.

Program Learning Outcomes

Graduates of this program will:

1. Obtain State and National Certifications for entry level employment.
2. Use EMS skills properly in skill tests, simulations and leadership roles.
3. Practice taking and analyzing National Skill Tests and simulated National Written Exams, in order to achieve certification and recertification as needed in the future.
4. Perform EMS and Rescue skills in urban and wilderness settings.
5. In an outdoor environment, demonstrate personal wilderness skills, and knowledge of climate considerations and group organizational systems.
6. Demonstrate concepts of wilderness EMS rescue, including administrative and organizational tasks, EMS rescue systems and rescue types, personal and supervisory roles, wilderness training, preparedness, and transportation, and specific medical and trauma skill adaptations for wilderness and delayed care situations.

Program Faculty Contact

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AASC Approval Date: 12-13-21
Document Updated: 06-16-2022