

Minnesota

Articulated College Credit Agreement

www.CTEcreditMn.com

Articulated College Credit Agreement:

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school courses. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

Agreement Name: MN Emergency Medical Responder
Agreement Reviewed/Revised: 2024 - 2025

These credits are valid for students who enroll in a program within 2 years after graduation from high school.

| Colleges | College Courses | College Programs | Articulated College Credit |
|--|---|--|------------------------------|
| Alexandria Technical & Community College | LENF 1520 – Emergency Medical Responder | *Law Enforcement Transfer Pathway (A.S. – 68 cr.) *Law Enforcement (A.A.S. – 72 cr.) *Law Enforcement Career Transition (Diploma – 38 cr.) | 2 credits of 2 total credits |
| Anoka Technical College | EMED 1113 – Emergency Medical Technician I | *Emergency Medical Services (Cert.– 19 cr.) *Emergency Medical Technician (Cert. – 9 cr.) | 4 credits of 4 credits |
| Hennepin Technical College | EMSV 1050 – Emergency Medical Responder (First Responder) | *Emergency Medical Technician (Occ. Cert. – 9 cr.) *Emergency Room Technician (Occ. Cert. – 24 cr.) *Emergency Medical Services Specialist (Occ. Cert – 28 cr.) *Primary Care Technician (Adv. Technical Cert.– 13 cr.) *Fire Science (A.A.S. – 60 cr.) *Peace Officer & Public Safety (68 cr.) | 3 credits of 3 total credits |
| Normandale Community College | HLTH 2209 – First Responder | *Health Course Elective | 3 credits of 3 total credits |
| Rochester Community & Technical College | EMR 1121 – Emergency Medical Responder | *Peace Officer/Public Safety Transfer Pathway (A.S. 68 cr.) *Peace Officer Transfer Pathway (A.A.S. – 60 cr.) | 2 credits of 2 total credits |
| South Central College | HEMS 1300 – First Responder Initial (48 hrs.) | *Emergency Medical Technician (Cert. – 9 cr.) | 1 credit of 2 total credits |

Course Description

The course will enable learners to develop basic skills in the emergency care area as an Emergency Medical Responder. This course meets the MinnState, EMSRB, AHA, State and POST Standards. The Emergency Medical Responder is an integral part of the Emergency Medical System. The goal is to provide students with the core knowledge, skills, and attitudes to function in the capacity of an Emergency Medical Responder. The Emergency Medical Responder uses limited amounts of equipment to perform initial assessments and interventions and is trained to assist other EMS providers. This course is intended for, but not limited to, law enforcement personnel, firefighters, rescue personnel, ski patrol members, coaches, school nurses, camp nurses, special event coverage personnel, industrial emergency team members, and other individuals charged with “first response” duties.

Course Learning Outcomes

100% of the learning outcomes as approved by MN EMSRB (Minnesota Emergency Medical Service Regulatory Board). The high school course(s) will be covered by qualified CTE high school instructor(s).

To complete these requirements, students will:

1. Identify the role and responsibility of the Emergency Medical Responder.
2. Identify the legal aspects and duties of the Emergency Medical Responder.
3. Identify the human anatomy and structure /physiology.
4. Describe body substance isolation precautions.
5. Describe infectious diseases.
6. Perform scene size-up.
7. Perform a primary survey.
8. Perform a secondary survey.
9. Describe ongoing assessments.
10. Describe patient hand-off.
11. Perform AHA BLS for the Healthcare Provider or American Red Cross Professional Rescuer CPR, AED, and FBAO skills.
12. Discuss patient management strategies.
13. Define shock procedures.
14. Define types of bleeding control.
15. Describe types of wounds.
16. Define heart attack, stroke, diabetes, epilepsy/seizures.
17. Identify poisons, alcohol, and drug emergencies.
18. Describe chest pains.
19. Identify shortness of breath.
20. Explain altered mental status.
21. Describe abdominal pain.
22. Understand allergic reactions.
23. Explain hyperthermia and hypothermia.
24. Define heat exhaustion, heat stroke, frostnip, frostbite.
25. Discuss the stages and anatomy of birth.
26. Identify abnormal birth situations.
27. Discuss behavioral emergencies.
28. Discuss the stages and anatomy of birth.
29. Identify abnormal birth situations.
30. Discuss behavioral emergencies.

Course Learning Outcomes (Cont.)

31. Discuss interactions with young and old patients.
32. Explain the overview of managing trauma patients.
33. Perform head and spine care.
34. Demonstrate a c-spine collar.
35. Demonstrate a short board.
36. Demonstrate backboard.
37. Describe and perform splinting techniques.
38. Discuss care for muscle/tissue injuries.
39. Demonstrate proper airway techniques.
40. Demonstrate suction devices.
41. Perform Vital Signs including: Blood pressure, pulse, respirations, and body temperature
42. Demonstrate oxygen tank assembly and hook-up of oxygen to a supplemental breathing device.
43. Identify HAZMAT precautions.
44. Test for final exam/certification.

Reference Texts

Current (required) Emergency Medical Services Text
Must meet EMSRB standards

Course Assessments

Students must achieve a cumulative 80% or higher on all (skill and written) summative assessments.

Students must successfully complete certification requirements for the certifying agency for Emergency Medical Responder following the requirements for the MN State EMSRB.

Recommended Industry-Recognized Certificate Or Comprehensive Assessment – College/High School

| Comprehensive Assessment | Vendor | Other Information |
|--|---|---|
| Emergency Medical Services (EMS) Certificate | Minnesota Emergency Medical Services Regulatory Board (EMSRB) | https://mn.gov/boards/emsrb/licensing/ems-personnel |