

## Paramedic Technology (AAS degree)

### Contact Information

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### Delivery Methods

Face-to-Face: Fargo  
\*Hybrid: Live-video and  
Face-to-Face

The Paramedic Technology program is designed to prepare the student with the necessary skills to complete national certification and obtain employment as a paramedic. Paramedics primarily provide care to emergency patients in an out of hospital setting. Through proper patient assessment and medical care, the paramedic's goal is to prevent and reduce mortality and morbidity due to illness and injury. Paramedics are an essential component of the continuum of care and serve as a link to other health care professionals. Paramedics are responsible and accountable to physician medical direction.

NDSCS offers a certificate program and an Associate in Applied Science degree in Paramedic Technology and is affiliated with F-M Ambulance Service and Sanford Health EMS Education in Fargo. Courses start in the fall of each year. The program length will be three semesters including the summer semester.

Clinical and field internship experiences will be completed concurrently with the classroom schedule. Numerous hospitals and ambulance services across North Dakota, South Dakota, and Minnesota are utilized. Students may need to drive various distances to clinical sites. Additional clinical sites can be added to suit student needs. Specific immunizations and a current American Heart Association Healthcare Provider CPR card will be required before the start of clinicals.

During orientation, students will be required to pay for and complete a background check. A previous misdemeanor or felony can prevent a student from attending clinical sites and completing the program. If you have any concerns about your history, please contact the Paramedic program coordinator.

EMS accreditation was recommended by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP), 8301 Lakeview Parkway Suite 111-312, Rowlett, TX 75088, Phone: 214-703-8445, Fax: 214-703-8992, www.coaemsp.org. Upon completion of the certificate or degree program, students will be eligible to take the NREMT paramedic exams.

*NOTE: This program requires a tablet with a 7-inch screen or larger. For further information, please contact the program coordinator.*

\* Special computer and internet requirements for hybrid delivery, please check with program for specific requirements.

Course Code	Course Title	Credits
EMS 101	Introduction into EMS	2
EMS 180	Pharmacology I	1
EMS 203	Pharmacology II	2
EMS 204	Medical Emergencies I	2
EMS 205	Medical Emergencies II	2
EMS 207	Special Populations in EMS	2
EMS 215	Cardiology	4
EMS 217	Airway & Respiratory Management	3
EMS 218	Clinical Decision Making in EMS	1
EMS 219	Trauma in EMS	3
EMS 231	Paramedic Lab I	2
EMS 232	Paramedic Simulation Lab	2
EMS 233	Advanced Life Support Lab	3
EMS 234	Paramedic Assessment Lab	1
EMS 241	Advanced Provider Practicum I	2
EMS 242	Advanced Provider Practicum II	4
EMS 243	Capstone in Paramedicine	3
EMS 255	Leadership in EMS	2
EMS/HPER Electives		2

### Related/General Education Courses:

BIOL 220	Anatomy and Physiology I	3
BIOL 220L	Anatomy and Physiology I Lab	1
BIOL 221	Anatomy and Physiology II	3
BIOL 221L	Anatomy and Physiology II Lab	1
Wellness Elective		2
FYE 101	Science of Success	1
ENGL 110	College Composition I	3
ENGL/Communication Elective (choose one)		3
ENGL 105	Technical Communications	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Social and Behavioral Science Electives		5
ECON, HIST, POLS, PSYC, SOC, or CIS/CSCI Electives.		
(Note: maximum of two CIS/CSCI credits may be used for this category).		

### Total Required Credits for Associate **65**

Certificate is also available. Please see separate fact sheet for additional information.

### Admission Requirements\*

The applicant must be a high school graduate or equivalent and be 18 years of age. Applicants must have the ability to meet technical standards of the program and may be required to complete a basic skills evaluation during the admissions process.

1. Complete the NDSCS Application for Admission if the applicant has not attended NDSCS or complete a re-application if the applicant has previously attended or is a past graduate of NDSCS.
2. Applicants without a United States high school transcript (four years), will be required to complete English language proficiency exam(s) and meet the benchmark score(s) prior to continuing the selection process. Contact the program to schedule the assessments if this applies.
3. Hold a current State or National Registry of Emergency Medical Technicians (NREMT) EMT or AEMT certification. Applicants not holding an EMT/AEMT certification, upon successful completion of EMS101, 110, 110L and 110P with a "C" or higher, can be eligible to apply to test the NREMT EMT exam for certification.
4. Submit official ACT and/or Placement testing results to Enrollment Services. Results must meet criteria to enroll in English 110 and MATH 103 fall semester OR submit an official college transcript with ENGL 110 and MATH 103 completed with a "C" or higher.

5. Completion of BIOL 220 and BIOL 220L with a "C" or higher.
6. Applicants will participate in a formal interview process with the Paramedic program faculty to discuss the internship shifts as well as expectations of the program. Interview points will be graded on a rubric.

Class selection process will be determined by the completion of admission requirements and slots will be filled by order of those who have completed all requirements.

*\*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

### Award

Upon successful completion of the required courses, ("C" or higher) students will be awarded a certificate or an Associate in Applied Science degree in Paramedic Technology.

Revised: May 2021