

Technical Studies (Fire Science)

Degree Type

Associate in Applied Science

Contact Information:

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The Fire Science Degree is designed to educate students for a career in the fire service and individuals employed in the Fire Rescue field. A combination of Fire Science and general education prepares graduates for advanced career opportunities and professional development.

We aim to focus on technical skills to develop educational experiences in fire protection and firefighter safety.

This Fire Science Degree includes training for state certification.

Regulations governing this program require all applicants to meet specific functional abilities – some are without accommodations – for admission and/or successful program completion.

Admission Requirements*

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

Please Note: Students are placed into English, math and reading courses based on ACT, ACCUPLACER or other nationally recognized tests. Please see www.ndscs.edu/current-students/student-success/test-center for the NDSCS Course Placement Policy and testing information. Students may be on an extended plan of study pending their course placement.

****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, students will be awarded an Associate in Applied Science degree in Technical Studies with a sub plan in Fire Science.

Fire Science Core Courses

Course Code	Title	Credits
FIRE 101	Fire Fighter I	5
FIRE 102	Courage to be Safe	1
FIRE 103	Incident Command	3
FIRE 104	Hazardous Materials Operations	3
FIRE 105	Structure-Based Live Fire	2
FIRE 106	Interior Fire Attack	2
FIRE 201	Fire Fighter II	4
FIRE 202	Auto Extrication	4
FIRE 204	Responding to Flammable Gas Emergencies	2
FIRE 297	Cooperative Education	6

Fire Electives (Select 12 credits)

Select 12 credits worth of electives

Course Code	Title	Credits
FIRE 205	Fire Department Emergency Vehicle Operations Course (EVOC)	2
FIRE 206	Heavy Vehicle Extrication	2
FIRE 207	Grain Bin Extraction & Rescue	2
FIRE 208	Technical Rescue	2-8
FIRE 299	Special Topics	1-8
EMS 101	Introduction into EMS	2
EMS 110	EMT Fundamentals	2
EMS 110L	EMT Fundamentals Lab	1
EMS 110P	EMT Practicum	1

General Education Courses

Course Code	Title	Credits
ENGL 110	College Composition I	3
	English/Communication Elective (choose one)	3
	Mathematics and/or Science	3
	Social and Behavioral Sciences, Humanities, History and/or Computer Electives (4 credits)	4
	Wellness Elective(s) (2 credits)	2
FYE 101	Science of Success	1
	Total Required Credits	60