Fire Technology AAS Degree - 60 credits
Program Area: Fire Technology (Fall 2025)

REMEMBER TO REGISTER EARLY

Program Description

The Fire Technology program provides an opportunity for students to obtain basic and advanced instruction in fire prevention, firefighting techniques, rescue, and management of fire services. Critical decision making is emphasized at the company officer level to ensure improvement in all aspects of fire technology, productivity, and safety. Wildland Firefighting classes are available to enhance the knowledge base of fire suppression technicians. Completion of liberal education courses early in program is recommended to establish an academic foundation for technical courses.

Program Outcomes

- Be job ready based on national accepted performance job standards and behaviors for firefighters
- Be prepared with the appropriate background and experiences to serve as a fire equipment operator
- Be able to conduct fire prevention activities
- Be able to integrate the incident command system and its component parts into daily work assignments and all emergency response settings
- Be able to function as an emergency medical technician at the appropriate level for the department and interact with all providers to ensure good patient care
- Be able to use the nationally recognized standards and behaviors for the response to hazardous materials releases and emergencies

Required Courses

Number	Name	Credits	Term
FIRE 1408*	FireFighter I & II	7	
FIRE 1430	Haz Mat Operations	2	
ENGL 1106*	College Composition	3	
FIRE 1410	Building Construction	3	
FIRE 2511*	Company Functions	3	
ENGL 1109*	College Composition II	3	
FIRE 2486	Emergency Medical Technician	9	
FIRE 2502*	Rescue Basic	3	
FIRE 1412*	Fire Apparatus Operation	3	
FIRE 2440	Fire Chem I	3	
FIRE 2450*	Fire Prevention	3	
FIRE 2512*	Fire Fighting Tactics and Strategies	3	
FIRE 2602	Concepts of Fire Service Careers	2	
Choose 4 credits from the following or any FIRE prefix course not already on the guide:			
FIRE 1470	Wildland Fire Fighting (2 cr)		
FIRE 1474*	S-211 Wildland Portable Pumps and Water Use (2 cr)	4	
FIRE 1476*	S-212 Wildland Fire Chain Saws (3 cr)		
FIRE 2610*	Fire Internship 100 (1 cr)		
FIRE 2620*	Fire Internship 200 (2 cr)		
FIRE 2999	Special Topics in Fire Service		
General Education Electives	Choose 9 credits from at least three different Goal Areas of the Minnesota Transfer Curriculum	9	

Total Credits   **60**

*Requires a prerequisite or a concurrent course
Additional technical electives available, see advisor for details

- Be able to apply a broad working knowledge of rescue techniques and theories to include specialized areas not limited to activities like high level/high angle, confined spaces, and water related rescues
- Be experienced in day-to-day fire department type operations, station life and working conditions

Program Articulation
See Program Director for list of current Articulations.

Pre-program Requirements
Successful entry into this program requires a specific level of skill in the areas of English, mathematics, and reading. Program entry will depend, in part, on meeting the prerequisites listed below:

English/Reading:
- Eligible for ENGL 1106 - College Composition I, or
- Completion of ENGL/READ 0950/0955 (or equivalent or higher). ENGL/READ 0950/0955 may be taken concurrently with Semester I coursework.

Mathematics:
- Eligible for MATH 0970 - Intermediate Algebra, or
- Completion of MATH 0950/0955 (or equivalent or higher). MATH 0950/0955 may be taken concurrently with Semester I coursework.

There are other ways to qualify. Visit Course Placement (https://www.lsc.edu/course-placement/) to find out more.

For interpretation of test results and selection of appropriate coursework;
or general information about the program, admissions, financial aid, and getting started at LSC,
contact the professional advising team (advising@lsc.edu) or 218-733-7601

For more information about the Fire Technology AAS Degree including course descriptions, course prerequisites, and potential career opportunities, see the program website
(https://www.lsc.edu/degrees/fire-technology-aas/)