

FIRE SERVICE TECHNOLOGY ITC

The Fire Service Technology program prepares the next generation of firefighters through rigorous, high-quality training that meets the demands of today's fire service. Designed for both volunteer and career firefighters, our courses meet regional employment minimums for fire agencies and are delivered on campus using hands-on training equipment and fully equipped fire labs. Experienced firefighter-instructors bring real-world expertise into every classroom.

The curriculum is based on the National Fire Protection Association (NFPA) standards, the International Fire Service Accreditation Congress (IFSAC) requirements, and the National Fire Academy's (FESHE) Fire and Emergency Services Higher Education Model. Fire/protective gear will be required once you enter the program.

Entrance requirements for degree seeking students in the Fire Service Technology program include:

- ALEKS score of 14 or higher in Math (Algebra), Writing Placement Exam score of 2 or higher, or equivalent college placement exam scores.
- Fire Service Technology has physical requirements that may affect the student's ability to function in this program. Fire Service Technology has physical requirements that may impact the student's ability to participate in the program. Students must be able to climb ladders and work at significant heights and in confined spaces. They must also be able to wear 50 lbs. of firefighting gear while performing various tasks. Additionally, students must be able to lift and carry heavy objects while wearing personal protective ensembles and self-contained breathing apparatus and push or pull at least 125 lbs. Students must have the ability to climb 6 or more flights of stairs while wearing 50 lbs. of gear and carrying an additional 20-40 lbs. of equipment/tools.
- Students need to complete for following FEMA National Incident System Training at <https://training.fema.gov/emiweb/is/icsresource/trainingmaterials/>. These are free trainings.
 - a. **IS-700 NIMS, an Introduction:** This independent study course introduces the NIMS concept. NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents.
 - b. **ICS-100 Introduction to the Incident Command System:** This independent study course introduces ICS and provides the foundation for higher level ICS training. It describes the history, features and principles, and organizational structure of the system. This course also explains the relationship between ICS and NIMS.
 - c. **ICS-200 Basic Incident Command System for Initial Response:** This independent study course is designed to enable personnel to operate efficiently during an incident or event within the ICS. ICS-200 provides training and resources for personnel who are likely to assume a supervisory position within the ICS.
 - d. **IS-800 National Response Framework (NRF), an Introduction:** The course introduces participants to the concepts and principles of the NRF.

The following steps need to be completed for enrollment in the program:

1. Complete general LC State admission requirements
2. Submit college placement exams
3. Complete ICS-100, ICS-200, IS-700, and IS-800 certifications
4. Schedule consultation meeting with program faculty

General Education Core

Code	Title	Credits
Oral Communication		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
Mathematical Ways of Knowing:		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-140	ALGEBRAIC REASONING AND PROBLEM-SOLVING	
MATH-147	PRECALCULUS	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	

MTHPT-153 STATISTICAL REASONING

Social & Behavioral Ways of Knowing:

Select one of the following:

HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	

Total Credits**9.00-11.00**

Program Requirements

Code	Title	Credits
FRSRV-101	FIREFIGHTER I	5.00
FRSRV-102	HAZ-MAT AWARENESS	2.00
FRSRV-103	HAZ-MAT OPERATIONS	2.00
FRSRV-105	APPARATUS DRIVER OPERATION	3.00
FRSRV-201	FIREFIGHTER II	3.00
FRSRV-202	NIMS 100, 200, 700, 800	2.00
FRSRV-220	WILDLAND FIREFIGHTER II S-130	1.00
FRSRV-221	WILDLAND FIREFIGHTER II S-190	1.00
FRSRV-222	WILDLAND URBAN INTERFACE S-215	2.00

Total Credits**21.00**