FIRE SERVICE TECHNOLOGY AAS

The Fire Service Technology program is designed to develop and upgrade the firefighting skills and knowledge of volunteer and paid firefighters through high-quality training and educational programs.

The FST courses meet most fire agencies' minimum qualifications for employment in the region and are offered on and off campus through collaborative agreements with local fire departments. Instructors from local fire departments also help instruct in the program

The program will provide the students with exceptional classroom instruction and hands-on training assuring students master the skills necessary for the fire service.

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.

Program Emphases Include

- Fundamental skills and knowledge in Firefighter I and II
- Understanding of building construction
- Hazardous materials awareness and operations
- Wildland firefighting
- Apparatus driver operator
- Fire investigation and prevention
- Fire Instructor I
- Firefighter rescue techniques

Career Pathways

- First-line firefighter supervisor
- Firefighter
- Fire Inspector
- Fire Investigator

Degrees Offered

- Associate of Applied Science
- Intermediate Technical Certificate

General Education Requirements

Code	Title	Credits
Written Communication		
ENGL-101	WRITING AND RHETORIC I	3.00
Oral Communication		
Select one from 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-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	

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		
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
Additional General Education Courses		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
COMM-345	INTERCULTURAL COMMUNICATION	
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-102	WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
ID-300A - ID-300Z (see course descriptions for options)		
ID-240	INTEGRATED SCIENCE II	
ID-301A	HELLS CANYON INSTITUTE	

KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER
Total Credits	**15.00-19.00**

Program Requirements

Code	Title	Credits
Select 45 credits from one of the two pathways		45.00
Pathway 1		
FRSRV-100	FIRE TRAINING TECHNOLOGY	
Rapid Intervention Team Training Firefighter Safety and Survival		
Fire Fighter I		
Fire Fighter II		
Technical Rescue-Operations Elective		
Flashover Survival Training		
Hazardous Materials Operations		
Hazardous Materials Awareness		
Wildland Basic Firefighter II		
Wildland/Urban Interface		
Basic First Aid and CPR		
Arson Detection for First Responders		
Building Construction Combustible		
Building Construction Non Combustible		
Incident command System		
Infection Control for Emergency Response Personnel: The Supervisor's Role		
Driver Operator/Pump Operations		
Fire Officer I		

Instructor I	
Pathway 2	
FRSRV-101	FIREFIGHTER I
FRSRV-102	HAZ-MAT AWARENESS
FRSRV-103	HAZ-MAT OPERATIONS
FRSRV-104	IFSTA BUILDING CONSTRUCTION
FRSRV-105	APPARATUS DRIVER OPERATION
FRSRV-201	FIREFIGHTER II
FRSRV-202	NIMS 100, 200, 700, 800
FRSRV-203	IFSTA FIRE INVESTIGATION
FRSRV-204	FIREFIGHTING STRATEGIES & TACTICS
FRSRV-205	INSPECTION & PREVENTION
FRSRV-206	RIT/FIREFIGHTER SURVIVAL
FRSRV-220	WILDLAND FIREFIGHTER II S-130
FRSRV-221	WILDLAND FIREFIGHTER II S-190
FRSRV-222	WILDLAND URBAN INTERFACE S-215
FRSRV-225	IFSTA FIRE INSTRUCTOR I
FRSRV-226	RESCUE TECHNIQUES
FRSRV-227	BS FIRE ALARM & PROTECTION SYSTEMS
FRSRV-294	INTERNSHIP IN FIRE SERVICE TECHNOLOGY
Completion of a Technical Skills Assessment is required	
Total Credits	**45.00**

Sequential Plan of Study

Graduates with an AAS Fire Service Technology go on to obtain careers in a variety of fields:

- Firefighter
- Fire inspector/investigator
- Fire chief
- First-line supervisor/manager of firefighting and prevention workers