

WILDLAND FIRE TECHNOLOGY (AS DEGREE S0890)

Technology and Health Division

Degree S0890

The Wildland Fire Technology AS degree is designed for students who want to gain certification as a wildland firefighter through the National Wildland Coordinating Group (NWCG). This program provides training in hand crew formation, fire line construction, and the use of wildland fire equipment. Students learn about wildland fire crews (engine crews, hand crews, hotshot crews, helitak crews, and smokejumpers), wildland fire behavior, wildland fire fighter personal protective equipment, wildland firefighter safety, helicopter safety, dozer safety, wildland fire pumps, and wildland fire tools and firing devices. This program includes arduous physical conditioning including hiking with up to 45 pounds of weight and other strenuous outdoor activities. The academy exceeds the United States Forest Service (USFS) minimum training requirements for an entry-level wildland firefighter for certification purposes.

Required Courses

Course Prefix	Course Name	Units
FIRE 1	Fire Protection Organization	3
FIRE WF101	Wildland Fire Behavior	3
FIRE WF102	Wildland Firefighter Safety and Survival	3
FIRE WF103	Wildland Fire Operations	3
FIRE WF104	Wildland Fire Investigation, Prevention, and Public Information	3
FIRE WF105	Wildland Fire Logistics, Finance, and Planning	3
KINF 51A	Agility Test Preparation Law and Fire - Beginning	1
or KINF 51B	Agility Test Preparation Law and Fire - Intermediate	
or KINF 52A	Fitness and Conditioning for Law and Fire - Beginning	
or KINF 52B	Fitness and Conditioning for Law and Fire - Intermediate	
Complete a minimum of 9 units selecting 2 or more courses:		9-20.5
FIRE 6	Hazardous Materials/ICS	
FIRE 7	Fire Fighting Tactics and Strategy	
FIRE 8	Fire Company Organization and Management	
FIRE 9	Fire Hydraulics	
FIRE 10	Arson and Fire Investigation	
FIRE 11	Fire Apparatus and Equipment	
FIRE 12	Wildland Fire Control	
FIRE WF87	Wildland Fire Academy	
Total Units		28-39.5

Program Learning Outcomes

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.