

# Wildland Fire Science

## **Certificate of Completion 20-23 credit hours**

The Certificate of Completion in Wildland Fire Science will prepare students to immediately pursue employment with private, municipal, state or federal wildland firefighting organizations and provides a stepping-stone to advanced training in wildland fire suppression strategies and fireline leadership. This one-year program emphasizes a core curriculum in fire suppression theories, techniques, and basic fire behavior. Upon completion students have the required training to apply for entry level positions as wildland firefighters. Classroom sessions in Technical Coursework are followed by fieldwork in all areas.

- Demonstrate and apply knowledge of basic wildland fire suppression strategies.
- Display knowledge of basic wildfire behavior.
- Maintain personal fitness and required conditioning for extended and multi-day wildfire assignments.
- Display knowledge and skills required to make critical medical decisions for patients in remote locations.

Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.

### **Certificate Requirements**

**Choose two courses from the following Wildland Fire Science General Education Requirements – 6-8 hours**

- COMM 101 - Interpersonal Communications – 3
- COMM 102 - Public Speaking – 3
- ENG 102 - English Composition – 3
- ENG 233 - Writing for Technical Professionals – 3
- ENG 104 - English Composition and Rhetoric – 3 any science with a lab listed in the NMGECC – 4  
or any Social Science, Fine Arts, or Humanities in the NMGECC – 3

### **Technical Requirements – 14-15 hours**

- WILD 100 - Introduction to ICS – 1
- WILD 130 - Firefighter Training – 3
- WILD 133 - Look Up, Look Down, Look Around – .5
- WILD 134 - Lookouts, Communications, Escape Routes, and Safety Zones (LCES) – 1
- WILD 180 - Human Factors in the Wildland Fire Service – .5
- WILD 190 - Introduction to Wildland Fire Behavior – 1
- WILD 211 - Portable Pumps and Water Use – 2  
or WILD 212 - Wildland Fire Chain Saws – 3 (if prerequisites are met)
- WILD 260 - Interagency Incident Business Management – 2
- WILD 270 - Basic Air Operations – 2
- WILD 286 - Basic Land Navigation – 1

*\* For a complete list of courses, refer to the ENMU-Ruidoso online catalog. For more information about our graduation rates, the median debt of students who completed the program, and other important information, visit [www.ruidoso.enmu.edu](http://www.ruidoso.enmu.edu)*