

# WILDLAND FIRE SCIENCE PROGRAMS

## WILDLAND FIRE SCIENCE

### Certificate of Completion

20 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 Course work are followed by fieldwork in all areas.

Upon completion of the certificate students will be able to:

- 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 basic knowledge of entry-level equipment use and land navigation.

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

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#### Institutional and Related Requirements –

Not applicable

#### Technical Requirements – 20 hours

- EMS 101 – Basic Life Support Provider (CPR) (1)
- FWCE 2110 – Principles of Fish and Wildlife Management (3)
- WILD 100 – Intro to ICS (1)
- WILD 130 – Firefighter Training (3)
- WILD 131 – Firefighter Type I (1)
- WILD 180 – Human Factors in the Wildland Fire Service (1)
- WILD 190 – Intro to Wildland Fire Behavior (1)
- WILD 211 – Portable Pumps and Water Use (2)
- WILD 212 – Wildland Fire Chainsaws (3)
- WILD 260 – Interagency Incident Business Management (2)
- WILD 270 – Basic Air Operations (2)

*Note: If technical requirements are met by approved prior learning assessment, additional electives in the technical area will be needed to meet the residency requirements of the degree.*

#### New Mexico General Education Curriculum (NMGEC) –

Not applicable