

# FS 130 Articulation Competencies

## *Wildland Firefighting Basics (10 Credits)*

**Provides the new wild-land firefighter with basic FFT2 Red Card-qualifying skills to effectively and safely suppress wildfires while under close supervision.**

*Upon completion of this course, successful students will score 80% or better on the following competencies to receive WVC college credits.*

### Student Learning Outcomes:

CATEGORIES			
<b>1. Problem Solving:</b>	A. Critical Thinking B. Creative Thinking C. Quantitative Reasoning D. Qualitative Reasoning	<b>3. Social Interaction:</b>	A. Collaboration B. Ethical Conduct C. Professional Conduct D. Cultural Diversity
<b>2. Communication:</b>	A. Oral Expression B. Written Expression C. Artistic Expression	<b>4. Inquiry:</b>	A. Information Literacy B. Research C. Documentation

### Course Competencies Checklist:

- Identify the fire behavior factors affecting the start and spread of wildland fires. (1A, 2A, 3C,4B)
- Apply appropriate “Standard Fire Orders.” (1A, 2A, 4B)
- Describe the components, importance of, and guidelines associated with Lookouts, Communication, Escape Routes, and Safety Zones. (1A, 2B, 4C)
- Explain the importance of and the inspection procedures for Fire Shelters. (1A, 2B, 4C)
- Define the Risk Management process. (1A, 2A)

Program Outcomes:

Graduates of the Fire Science ATS degree program will be able to:

- Possess the industry recognized skills required for entry-level employment as a firefighter, meeting International Fire Service Accreditation Congress (IFSAC) standards for Firefighter I, Firefighter II, Hazardous Materials Operations and other industry standards.
- Demonstrate and appropriately use fire service equipment and procedures in conjunction with a variety of emergency response incidents; possess industry recognized apparatus operation knowledge, skills and abilities.
- Identify fire protection systems used in various occupancies including sprinkler systems, extinguishing agents, early warning devices, fire pumps, smoke and flame detection, and standpipes.
- Possess industry recognized hazardous materials first responder competencies to the level of First Responder Operations.
- Demonstrate the principles of effective risk management during incident operations including managing emergency scene safety with multiple responding units regarding the resources of time, personnel, equipment and jurisdictional authority.
- Understand the ethical responsibilities and consequences of working in an emergency services-related environment.
- Demonstrate critical thinking, problem solving abilities, teamwork, communication, intercultural appreciation, and technical and information literacy skills as they apply to the fire service.
- Demonstrate employee traits considered strong in a professional work environment: dependability, appearance, positive attitude, thoroughness, timelines, safety, and the human relations skills necessary for work in emergency services.
- Apply basic firefighting skills to a wild land/urban interface environment.
- Have a thorough knowledge of the hiring process to include Civil Service Examinations.

Core Topics:

- Fire weather
- Wildland fire components
- Safety
- Fire Shelters
- Situation Awareness and Risk Management
- Suppression techniques
- Line Construction