

**Western Dakota Technical Institute  
800 Mickelson Drive  
Rapid City, SD 57703-4018**

**Master Syllabus**

**Course Number:** FFT 233  
**Course Title:** Fire Causes & Investigations  
**Credits:** 3  
**Contact hours:** 3 Lecture

**Course Description:** This course will assist the firefighter in determining the origin and cause of a fire, identifying and preserving evidence, and determining when the assistance of a more highly trained investigator is needed.

**Prerequisites:** None

**Text:** <http://bookstore.wdt.edu>

**Materials:** Uniform as prescribed by fire science staff

**Student Learning Outcomes:**

- Understand the responsibilities and observations of the emergency responder
- Describe the proper process of ensuring safety during the fire cause determination process
- Understand fire behavior
- Demonstrate the process of determining the area and point of origin of a fire
- Determine the cause of fires

**Assessment:** The Core Ability of employability will be assessed throughout this course.

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