



# Fire and Rescue Training Institute

PRESENTS:

## Basic Pump Operations

**Hours:** 12

**Prerequisites:** None

**Min/Max Students:** 15/30

**Host Requirements:**

- 1 Pumper
- Draft site and hydrant
- Master stream appliance

**Description:**

A discussion of the various types of pumps used on fire apparatus including shifting mechanisms, primers, relief valves and controls. Pump safety and operations will be covered as well as basic pump maintenance. The class is taught in a combination lecture and practical evolution format.



**Course Learning Outcome:**

The student, upon successful completion of this course, shall be able to operate a fire service pump in their department.

**Course Objectives:**

The student, upon completion of this course, shall be able to:

1. Describe the roles and responsibilities of a driver/operator;
2. Describe the chapters within NFPA 1901;
3. Describe the types of pumps;
4. Describe pump performance ratings;
5. Identify the various pump controls, given a pump panel;
6. Position a fire apparatus with pump; and,
7. Demonstrate pumping water through a fire service pump on an apparatus

**Request This Class for Training:**

This course may be requested and hosted by an individual fire department or a group of fire departments for delivery anywhere in Missouri at any time of the year. Requests can be made by contacting the MU FRTI office. You can download a request form online @ <http://www.mufrti.org/download/student.shtml>