



FIRE SERVICE HYDRAULICS – Registration opens 4/2/24.

Class will meet 10:00am-1:10pm Tues. & Wed. in person on campus at Malcolm X College from June 6 – July 25, 2024. **Course Description:** This course provides a foundation of knowledge needed to understand the principles of using water in fire protection, fire suppression and to apply hydraulic principles to analyze and solve water supply problems. **A partial list of student learning outcomes include:**

- Applying mathematics and hydro dynamics to the movement of water in fire suppression activities.
- Identify the design principles of fire service pumping apparatus.
- Discuss the various types of fire pumps
- Demonstrate, through problem solving, a thorough understanding of the principles of forces that affect water, both at rest and in motion.
- List and describe the various types of water distribution systems



Program Coordinator – Eric Strong, estrong3@ccc.edu; start by applying to be a student at ccc.edu