



**First Coast
Technical College**
Your Future Comes First



BFST1301/ATPC1301

Fire Service Hydraulics

Monday – Friday January 26-30, 2026 (9 am-6 pm)

Cost \$250.00

Course Description: The 45-hour course curriculum covers the relationship between flow and pressure and mathematical hydraulic formulas. Course includes pump theory, pump rating, and pressure and vacuum gauges. Students must bring a simple calculator with square root function.

- **Textbook:** Pumping and Aerial Apparatus Driver/ Operator Handbook, 3rd Ed. Publisher: IFSTA ISBN# 978-0879395711 ***NOT SUPPLIED**

This Textbook is used for 3 classes: Fire Service Hydraulics, Fire Apparatus Operations and Aerial Apparatus Operations

- This course is a prerequisite for BFST/ATPC 1302 Fire Apparatus Operations and required for Pump Operator Certificate (State Exam)

Registration

To register, go to <https://fctc.edu/programs/public-safety-short-term-courses/>. Click **Create My Account** then call (904) 547-3381 or (904) 547-3383 to make payment. You may also pay in person at the FCTC Main Campus Registration Office (Building A) at 2980 Collins Avenue.

This is a Continuing Workforce Education course that will take place at the Public Safety Campus of FCTC, 3640 Gaines Road, St. Augustine, FL 32084.

For additional information, call (904) 547-3542 or visit [FCTC.edu](https://fctc.edu)