

**Los Angeles Valley College
Course Level Student Learning Outcomes (SLO)**

Course Name and Number: FIRE TECHNOLOGY 208

Course Title: Fire Hydraulics

Course Objectives: (List the course objectives as they appear in the course outline of record.)

1. Explain and describe the use and role of water in fireground operations as an extinguishing agent.
2. Identify and explain the use of measuring devices and water sources for use during fire suppression operations.
3. Explain, discuss, and demonstrate the components of a water supply system and pump operation including drafting procedures.
4. Explain the factors involving the use of fire hydrants.
5. Explain and identify the use of nozzels and engine pressures.

Establish 1–2 course level student learning outcomes and indicate how each SLO will be assessed.

Course Level Student Learning Outcome	Assessment Measure
Students will be able to calculate water flow for application in fire fighting situations.	Students will solve equations to determine proper water flow. A rubric will be developed.