Course Objectives/Course Outline
Spokane Community College

Course Title: Fluid Line Fabrication
Prefix and Course Number: FLPT 132

Course Learning Outcomes:
By the end of this course, a student should be able to:

- measure, cut, and thread pipe and pipe nipples
- measure, cut, bend, and flare hydraulic steel tubing
- measure and cut hydraulic hose for assemble
- install crimps on hose ends and two piece reusable hose ends
- identify adaptors, flanges, and hose ends by size and part number

Course Outline

I. Shop Requirements
   A. Proper Dress
   B. Shoes
   C. Safety Glasses
   D. Hand Tools
   E. Personal Tools

II. Equipment Operation
   A. Information Sheets
   B. Instructor Verification
   C. Work Area Assignments

III. Shop Project Procedures
   A. Furnished Materials
   B. Lab Sheet Procedures
   C. Instructor Assistance
   D. Extra Materials

IV. Practical Shop Applications
   A. Pipe
   B. Tubing
   C. Hydraulic Pressure Hose