Course Title: Advanced Hydraulics Lab
Prefix and Course Number: FLPT 254

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

- create electrical and hydraulic circuits using correct symbols
- read and interpret engineering data
- order appropriate components and/or equipment for hydraulic systems

Course Outline

I. Hydraulic Circuits
   A. Hydraulic Schematics
   B. Electrical Schematics
   C. Calculations for Sizing Components
   D. Bills of Materials

II. Practical Applications
   A. Alternate Circuits
   B. Efficient Circuits
   C. Inefficient Circuits
   D. Circuit Design Methods
   E. Circuit Interpretation