Course Title: Shop Drawing
Prefix and Course Number: FLPT 134

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

- convert a verbal description and specification of a part into a finished shop drawing
- make full scale, half scale drawings dimension, using datum lines (both fractional and decimal)
- call out machine finishes
- make velum drawings that will produce an acceptable copy on a blueprint machine

Course Outline

I. Shop Drawings
   A. Layout Borderline and Title Block
   B. Center Part on Drawing
   C. 2 and 3 View Orthographic
   D. Finished Drawings of Existing Parts
   E. Finished Drawings of Part Dimensions
   F. Finished Drawings from Verbal Descriptions
   G. Finished Drawings from Manufacturer's Literature
   H. Full Size Parallel Bar
   I. Full Size Valve Template
   J. Half Size Valve Template
   K. Hydraulic Motor Mounting Bracket
   L. Cylinder Rod