Course Objectives/Course Outline
Spokane Community College

Course Title: Microcontrollers and Embedded Systems Lab
Prefix and Course Number: ELECT 234

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

— Operate electronic and mechanical devices using basic safety procedures
— Construct Microprocessor and DSP circuits
— Use electronic equipment to evaluate and troubleshoot basic microprocessor & DSP circuits

Course Outline:

      I.   Personal Safety

      II.   Microprocessors

      III.   Digital Signal Processing

      IV.   Troubleshoot Basic Microprocessor & DSP Circuits