

# Course Objectives/Course Outline

## Spokane Community College

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**Course Title:** Solid State Devices Lab

**Prefix and Course Number:** ELECT 132

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### **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 circuits containing solid state devices
- Demonstrate basic soldering skills
- Use power sources, signal generators, DC and AC meters, and Oscilloscopes to evaluate and troubleshoot basic Solid State circuits

### **Course Outline:**

- I. Safety
- II. Diode Circuits
- III. Transistor Circuits
- IV. FET Circuits
- V. Troubleshoot Basic Solid State Circuits