

Course Objectives/Course Outline
Spokane Community College

Course Title: RF Communications Lab

Prefix and Course Number: ELECT 222

Course Learning Outcomes:

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

- Demonstrate accepted personnel and equipment safety procedures
- Describe the general theory of communication device hardware
- Identify common communication circuits
- Troubleshoot and repair communication devices using appropriate techniques and procedures

Course Outline:

- I. Course Overview
- II. Personal Safety
- III. Equipment Protection
- IV. Communication Fundamentals Lab
- V. Amplitude Modulation
- VI. Frequency/Phase Modulation
- VII. Transmitters
- VIII. Receivers
- IX. Antennas