**Course Objectives/Course Outline**
**Spokane Community College**

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| **Course Title:** | **Cisco III Switching Routing and Wireless II** |
| **Prefix and Course Number:** | **CIS 252** |

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

− Describe layer 2 security vulnerabilities and threats, types of attacks, and attack mitigation in a LAN
− Configure switch security to mitigate LAN attacks
− Configure WLANs using a WLC and layer 2 security best practices
− Explain routing concepts, including the routing table and static and dynamic routing
− Configure and troubleshoot IPv4 and IPv6 static routing

**Course Outline**

I.    Layer 2 Security Concepts and Switch Configuration
II.   WLAN Concepts and Configuration
III.  Routing Concepts and Configuration
IV.   IP Static Routing Configuration and Troubleshooting