



**BAKER COLLEGE
STUDENT LEARNING OUTCOMES**

**CS 2020 Cisco CCENT Networking II
3 Semester Hours**

Student Learning Outcomes & Enabling Objectives

1. Demonstrate the skills needed to configure and troubleshoot routers and switches and resolve common issues with virtual LANs and inter-VLAN routing in both IPv4 and IPv6 networks.
 - a. Implement DHCP on a router.
 - b. Implement network address translation (NAT).
 - c. Implement access control lists (ACLs) to filter traffic.
 - d. Determine how a router will forward traffic based on the contents of a routing table.
 - e. Implement static routing.
 - f. Explain how switching operates in a small to medium-sized business network.
 - g. Configure Ethernet switch ports.
 - h. Implement VLANs.
 - i. Use monitoring tools and network management protocols to troubleshoot data networks.
 - j. Configure monitoring tools available for small to medium-sized business networks.
 - k. Configure initial settings on a network device.
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These SLOs are not approved for experiential credit.

Effective: Fall 2017