

# Inver Hills Community College

## ITC 2540: Connecting Networks (CCNA 4)

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Discusses the WAN technologies and network services required by converged applications in a complex network. Understand the selection criteria of network devices and WAN technologies to meet network requirements. Learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Develop the knowledge and skills needed to implement IPsec and virtual private network (VPN) operations in a complex network. Connecting Networks is the final course in a sequence of four courses focusing on preparation for the Cisco Certified Network Associate (CCNA) certification. Prerequisites: ITC 2510, ITC 2520, ITC 2530.

**B. COURSE EFFECTIVE DATES:** 08/25/2013 - 07/31/2020

### C. OUTLINE OF MAJOR CONTENT AREAS

None

### D. LEARNING OUTCOMES (General)

None

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted