

Dakota County Technical College

ISTC 2020: Advanced Networking

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 1

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course focuses on the concepts and procedures of creating TCP/IP network services. The student will build network servers and services using commercial and open source products. Topics include installing and configuring DNS, DHCP, Web, proxy, TFTP, SMTP and FTP servers, and firewalls. Other topics cover LAN switching, routing, IP addressing, OSI model, and TCP/IP protocols.

B. COURSE EFFECTIVE DATES: 12/08/2010 - 12/15/2017

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