

Minnesota State College Southeast

NWAT 2640: Advanced Routing

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will examine scalable internetworks that implement various routing protocols such as OSPF (single and multiple areas), IGRP and BGP. Additional emphasis will be placed on troubleshooting a network that utilizes PPP and NAT services, traffic shaping, optimizing traffic flow, and extending ip addresses using VLSM. (Prerequisites: NWAT 1641, NWAT 1644 and NWAT 2621) (3 Credits: 2 lect/pres, 1 lab, 0 other)

B. COURSE EFFECTIVE DATES: 10/07/2003 - Present

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