OPERATING SYSTEMS III — ISTC 2035

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:**
  - ISTC 1033: Operating Systems II
  - ISTC 1045: Network Systems I: Introduction to Networking
- **Corequisites:** None
- **MnTC Goals:** None

In this course, the student is expected to learn the procedures underlying server operating systems. The course will cover network design, installing Servers, configuring and optimizing Servers, managing users and groups, disk quotas, basic and dynamic disks, security, and print management. Prerequisites: ISTC1045 Network Systems I and ISTC1033 Operating Systems II

B. Course Effective Dates: 8/20/07 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Configure a Virtual Server.
2. Configure, manage, and troubleshoot local user and group accounts.
3. Install, Configure, monitor, manage, optimize, and troubleshoot the performance of the Server.
4. Install, configure, and manage Active Directory.
5. Install, configure, and manage DHCP (Dynamic Host Configuration Protocol).
6. Install, configure, and manage DNS (Domain Name System).
7. Manage software updates.

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

F. Learner Outcomes Assessment
As noted on course syllabus

G. Special Information

None noted