



INTRODUCTION TO INFORMATION SYSTEMS MANAGEMENT — ISTC 1001

A. Course Description

- **Credits:** 2.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 0.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course provides an overview of computer hardware, relational databases, local area networks and programming. Information Systems terminology and industry acronyms associated with data, voice and video are also covered. Prerequisites: None

B. Course Effective Dates: 8/2/19 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Define E-commerce/E-business.
2. Define Information Systems.
3. Define Telecommunicaitons.
4. Define data management technologies for an Information System.
5. Define data storage considerations for an Information System.
6. Define global perspectives on Information Systems.
7. Define the roles of Information Systems.
8. Define the use of prototypes in the development of systems.
9. Define typical tasks of Information System personnel.
10. Describe Decision Support Systems.
11. Describe Enterprise Systems.
12. Describe components needed in a telecommunications sytem.
13. Describe components needed in an E=commerce system.
14. Describe the system development cycle.

15. Differentiate internet, extranet, and intranet.
16. Explore ethical challenges presented in the IS industry.
17. Explore security challenges presented in the IS industry.
18. Propose information system solutions to simple business problems.
19. Understand application software responsibilities in Information Systems.
20. Understand basic project management concepts.
21. Understand hardware roles in Information Systems.
22. Understand how businesses use the internet to support business processes.
23. Understand strategies used in system development.
24. Understand system software responsibilities in Information Systems.
25. Understand the latest trends in the IS industry.

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

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted