A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course focuses on the effective management of Information Technology (IT) to create competitive advantage and bring about organizational change. Topics include trends in technology and industry, the changing business process, using IT to add value to products and processes, managing applications and systems, and creating sustainable systems.

B. COURSE EFFECTIVE DATES: 08/25/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Managing in the Information Age
2. Information Technology's Strategic Importance
3. Developing the Organization's IT Strategy & IT Planning
4. Hardware and Software Trends and Modern Telecommunications Systems
5. Legislative and Industry Trends
6. Managing Application Portfolios & Application Development
7. Development and Acquisition Alternatives
8. Developing and Managing Customer Expectations, Computer and Data Resources, and E-Business and Network Systems
9. Managing E-Business Applications
10. Measuring IT Investments and Returns
11. IT Controls and Asset Protection, and Security
12. IT Controls and Asset Protection, and Security
13. Measuring IT Investments and Returns
14. People, Organizations, and Management Systems
15. The Chief Information Officer's Role

D. LEARNING OUTCOMES (General)

1. Analyze the role that information technology plays in organizations and its strategic importance
2. Evaluate technology trends, information delivery systems, legislative action, and industry dynamics
3. Apply the concepts behind the portfolio management of applications and be able to use the tools and techniques of managing software applications
4. Analyze what constitutes good practice in managing systems, including processes for managing tactical and operational IT activities in both centralized and distributed technology environments
5. Evaluate and be able to apply the concepts behind controlling and securing IT resources
6. Prepare for and implement the rapid advances in IT
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted