

## The Technology and Information Management Major Goals

2004

The purpose of technology and information management major is to provide a combination of business and technology courses to enable the learner to serve in a managerial and leadership capacity while working with computer specialists, programmers, managers, end-users and clients. A learner who has successfully completed a technology and information management major at Upper Iowa University will be expected to:

1. Demonstrate the accounting skills used in a variety of business settings. This ability will be developed through the successful completion of the following courses:
  - BA 201      Accounting Principles I
  - BA 202      Accounting Principles II
2. Identify marketing concepts and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:
  - BA 208      Marketing Principles
3. Explain the principles of finance and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:
  - BA 341      Corporate Financial Management
4. Identify management concepts and their application in a variety of business settings. This ability will be developed through the successful completion of the following course:
  - BA 210      Management Principles
5. Analyze organizational behavior principles and the impact of diversity on organizations. This ability will be developed through the successful completion of the following course:
  - BA 210      Management Principles
6. Explain the fundamental aspects of human resources management and their application in a variety of business settings. This ability will be developed through the successful completion of the following courses:
  - BA 210      Management Principles
  - BA 303      Business Law II
  - BA 361      Human Resources Management
7. Identify the fundamental components of operations management and their application in a variety of business settings. This ability will be developed through the successful completion of the following courses:
  - BA 210      Management Principles
  - BA 356      Quantitative Decisions in Business
8. Describe the legal environment in which businesses must operate. This ability will be developed through the successful completion of the following courses:
  - BA 302      Business Law I
  - BA 303      Business Law II
9. Recognize the economic environment and policies that affect businesses. This ability will be developed through the successful completion of the following general education courses:
  - BA 211      Macroeconomic Principles
  - BA 212      Microeconomic Principles

10. Identify and evaluate socially responsible and ethical business practices. This ability will be developed through the successful completion of the following courses:
- BA 225 Business Ethics
  - All upper division business courses
11. Explain the use of information systems in business. This ability will be developed through the successful completion of the following course:
- BA 222 Management of Information Systems
12. Demonstrate quantitative and statistical skills used in business decision making. This ability will be developed through the successful completion of the following courses:
- MATH 220 Elementary Statistics
  - BA 356 Quantitative Decisions in Business
13. Describe a global view of business and evaluate the impact of international differences on business operations. This ability will be developed through the successful completion of the following course:
- BA 488 Economics of International Business
14. Synthesize and evaluate knowledge in the major and apply it to a particular organization. This ability will be developed through the successful completion of the following course:
- ID 498 Senior Project
15. Demonstrate an understanding of basic computer programming skills. This ability will be developed through the successful completion of the following courses:
- A computer programming course
  - ACE recognized equivalent coursework in Microsoft, Novell, UNIX, CISCO, or other comparable courses.
16. Demonstrate inductive and deductive reasoning to identify and analyze information, technology and systems problems for businesses or organizations. This ability will be developed through the successful completion of the following courses:
- MIS 302 Principles of Systems Analysis
  - MIS 435 Information Systems Strategies
  - MIS Elective
17. Demonstrate an understanding of the management and administration of communication networks. This ability will be developed through the successful completion of the following courses:
- MIS 388 Telecommunications and Networks
  - MIS 360 Project Management
  - MIS Elective
18. Demonstrate an understanding of the use of computers and modern technology to store, manipulate, quantify and /or communicate information. This ability will be developed through the successful completion of the following courses:
- MIS 302 Principles of Systems Analysis
  - MIS 415 Database Management
  - MIS 435 Information Systems Strategies
  - MIS Elective

19. Demonstrate an understanding of the strategic use of information resources. This ability will be developed through the successful completion of the following courses:

MIS 302	Principles of Systems Analysis
MIS 435	Information Systems Strategies
MIS 360	Project Management
MIS	Elective

20. Demonstrate an understanding of project management methods. This ability will be developed through the successful completion of the following courses:

MIS 302	Principles of Systems Analysis
MIS 360	Project Management
MIS	Elective