

Minot State University

Business Information Technology Department

Course Outline:

Course: Business Network System Management (BIT 575)

Course Credit: 3.0 Credit Hours

Instructor: Mehdi S. Tehrani (PhD)

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Class Schedule: Online

Due Date: Aug 25th 2008- Oct 16th 2008

Required Textbook:

- **Principles of Network and System Administration**
- Author - Mark Burgess
- Year - 2004, 2nd Edition
- Publisher -J. Wiley
- ISBN - 0470-868074

Course Description:

This course provides an extensive overview of the functions and challenges related to network systems management with an emphasis on data network management. Key topics include principles, practices, and technologies for managing networks, systems, applications, and services; policies and processes for assembling the network infrastructure, establishing network security and business continuity, and tools for network management and monitoring (cr. 3 sh).

MSIS Program Objectives:

Graduates of the MSIS program will be able to: demonstrate information system skills at a sophisticated level, develop information systems infrastructures, communicate information systems strategies, and/or provide information systems consulting services.

Learning Objectives:

1. Introduction
2. System Components
3. Networked Components
4. Host Management
5. User Management
6. Models of Network and System Administration
7. Configuration and Maintenance
8. Diagnostics, fault and change management
9. Application level services
10. Network level services
11. Principles of Security
12. Security Implementation

Lecture Schedule:

Date	Project, Quiz, Discussion	Due Date
August 25	<ul style="list-style-type: none"> • Read Chapter 1 • Do Ex 1 and Prob 1 	August 31
September 1	<ul style="list-style-type: none"> • Read Chapter 2 • Do Ex 2 and Prob 2 	September 7
September 8	<ul style="list-style-type: none"> • Read Chapter 3 • Do Ex 3 and Prob 3 	September 14
September 15	<ul style="list-style-type: none"> • Read Chapters 4,5 • Do Ex 4,5 and Prob 4,5 	September 21
September	<ul style="list-style-type: none"> • Read Chapters 	September

22	6,7 • Do Ex 6,7 and Prob 6,7	28
September 29	• Read Chapter 8, • Do Ex 8	October 5th
October 6th	• Do Discussion, Supplements	October 15th
End	End	

Grading Policy:

Assignment	Percentage
Chapter Problem	40%
Chapter Exercises	35%
Discussion and Reading	10%
Supplemental Course Content	15%
Total	100%
Grade	Percent
A	94+%
B	88+%
C	82+%

Late Penalties:

1. Late written or project assignments will not be accepted.

Academic Honesty:

The college experience is founded on the concepts of honesty and integrity. Dishonesty, cheating, plagiarism, or knowingly furnishing false information to the college are regarded as particularly serious offenses. Cases of dishonesty will be handled by levying certain penalties. However, in flagrant cases, the penalty may be dismissal from the college after proper due process proceedings.

Special Accommodations:

In coordination with the Disability Support Service, reasonable accommodations will be provided for qualified students with disabilities (LD, Orthopedic, Hearing, Visual, Speech, Psychological, ADD/ADHD, Health Related & Other). Please meet with the instructor during the first week of class to make arrangements. Accommodations and alternative format print materials (large print, audio, disk or Braille) are available through the Disability Support Service, located in the basement of Lura Manor, phone number 701-858-3371 or evelyn.klimpel@minotstateu.edu.

Minot State University does not discriminate on the basis of sex, religion, creed, national origin, race, age, disability, or any other basis prohibited by law. If you believe you have been discriminated against unlawfully, please bring this matter to the attention of your instructor or the MSU's Human Resource Office at 701-858-3352.

GOOD LUCK!