

CIS 201 - COMPUTER INFORMATION SYSTEMS

Brian Brown

TIME: MWF 12:00 - 12:55 Rm. B-102

OFFICE HOURS: MWF 1:00 - 2:00, 3:00 - 4:00 Rm. B-102 (Office)

COURSE OBJECTIVE: Students will develop an understanding of the concepts and fundamentals of computer information systems including knowing what technologies are appropriate for a given application as well as the costs and benefits of such technologies in relative and dollar terms.

GRADES will be determined based upon the following criteria:

1. (50%) 5 quizzes -- **NO MAKE-UP QUIZZES, DO NOT BE LATE FOR CLASS!!**
2. (25%) Group Project Presentation - students will receive a portion of their grade from other members of their group.
3. (25%) Weekly homework assignments -- **LATE HOMEWORK WILL NOT BE ACCEPTED!!**

A - 90% to 100%
B - 80% to 89%
C - 70% to 79%
D - 60% to 69%
F - 59% and below

ATTENDANCE POLICY:

The COM-FSM Attendance Policy will be observed.

COURSE CONTENT:

1. Computer Hardware (Capron 1)
2. Computer Software (Capron 2)
3. The Central Processing Unit (CPU) (Capron 3)
4. Input and Output (IO) (Capron 4)
5. Storage and Multimedia (Capron 5)
6. Networking (Capron 6)
7. The Internet (Capron 7)
8. Security and Privacy (Capron 8)
9. Word Processing & Desktop Publishing (Capron 9) - SHORT WEEK
10. Programming Languages (Capron 12)
11. Spreadsheets, and Business Graphics (Capron 10) - SHORT WEEK
12. Database Management Systems (Capron 11)- SHORT WEEK
13. Operating Systems (Capron 13)
14. Systems Analysis and Design (Capron 14)
15. Management Information Systems (Capron 15)

TEXTBOOK:

"Computers, Tools for an Information Age", M.L. Capron. Fourth edition published by Addison Wesley Longman Inc, 1996.

GROUP PROJECT:

Students will split up into groups of 2-5 to form an Information System Consultant Company.

Your task is to (1) go out into the Pohnpei or FSM community and interview a business or organization, (2) perform some kind of Systems Analysis on their existing information system, and (3)(a) make recommendations for a new computer information system or (b) make recommendations for upgrading their existing system based upon both (a) user requests and (b) the results of your Systems Analysis.

Your recommendations will include specific hardware, hardware support contracts, software, software support contracts, operating system, network, internet connection, security system, data backup, power backup, office design, user training, user support, IS management plan, etc., based upon your customer's NEEDS and BUDGET CONSTRAINTS.

Deliverable: Group Project Presentation during FINAL EXAM time.

Ideas: - FSM Government Offices in Palikir, Pohnpei State Offices, COM, Pohnpei Utilities Company, FSM Telecom, banks, movie theater, TTC Shopping Center, Mobil Gas station, video rental, etc.

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