

GOVERNORS STATE UNIVERSITY
College of Business and Public Administration

Course Title: MIS370 - Business Microcomputer Applications

Session: Fall 1994, M/W 2:00-3:15p

Instructor: Prof. Donald Fricker

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Office Hours: M/W 3:15-5:15p & 7:00-7:30p

Catalog Description: Provides an overview of business data processing and management information systems. Covers introductory concepts of systems analysis techniques, nature of computer applications in business, problem solving, and discusses the future of computer technology. Includes an introduction to and use of database software in business related problems, and the integration of applications software.

Credit Hours: Three

Prerequisite: MIS301.

Textbooks:

1. O'Brien, James A. Management Information Systems: A Managerial End User Perspective (2nd ed.). Homewood, IL: Richard D. Irwin, 1993.
2. Morgan, James N. Application Cases in MIS: Using Spreadsheet and Database Software. Homewood, IL: Richard D. Irwin, 1993.
3. Ageloff, Roy. An Introduction to dBase IV Versions 1.5/2.0. Microcomputer Applications for Business Series. Cambridge, MA: Course Technology, Inc., 1993.

NOTE: The Ageloff text is available with or without a copy of the student version of dBase IV software.

4. You will also need blank diskettes to use as data disks.

Overview: Each class meeting will consist of a brief lecture which highlights and expands on the assigned reading from the text, followed by a general class discussion of real life cases and questions. Students are expected to read the text before coming to class and be prepared to contribute to a discussion of cases from the chapter. dBase IV will be demonstrated using the overhead projection system in the room. This will be supplemented by optional lab sessions. The course also includes cases which require students to think about the provided information and suggest solutions as though they are the manager of the company described. These are to be written up using a word processor and in some cases will require a spreadsheet and/or database package for further analysis.

Objectives:

1. Students will develop an end-users perspective in the application of computer information systems in today's business world.
2. Students will understand how information systems should be designed and managed.
3. Students will understand the use of computers as decision tools, specifically they will be able to develop spreadsheet applications as decisions aids.
4. Students will develop a working knowledge of a database package.
5. Students will be able to apply knowledge from this course to solve problems with information systems.

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4. Students will develop a working knowledge of a database package.
5. Students will be able to apply knowledge from this course to solve problems with information systems.

Syllabus Statement for Persons with Disabilities:

It is the intention of the institution to support full participation of all students, regardless of physical ability level. Therefore, if any student needs consideration of his/her physical abilities in order to complete the course, please notify the instructor as soon as possible.

Course Policies:

1. Success in this course requires substantial computer time. This time generally will fall outside of scheduled class time. There will occasionally be optional lab time. This may be during scheduled class hours, however it is not always possible to gain access to a computer lab during the scheduled class hours.
2. All assignments and cases must be on time and in acceptable format. Due dates are clearly indicated in the class schedule. Failure to complete assignments as assigned will hinder your progress in the course. Unacceptable assignments will be returned ungraded, and will subsequently be late. The late penalty is 10% of the possible points per class. Assignments will usually not be accepted after the final.
3. Acceptable assignments will:
 - a. Clearly indicate student's name and assignment being submitted on the first page. NOTE: Consider a title page with student name and assignment description.
 - b. Securely hold multiple pages together. (staple, paper clip, folder). NOTE: Folding corners is not acceptable.
 - c. Be submitted individually. DO NOT STAPLE MULTIPLE ASSIGNMENTS TOGETHER.
 - d. Cases are to be typed (word-processor) and free of errors, such as spelling, sentence run-on, fragmentation, subject-verb agreement, missing punctuation, etc.
4. All examinations are to be taken on the scheduled dates. Makeup exams may not be given without prior approval or documentation of illness or other problem.

Student Evaluation and Grading Policy:

<u>Item</u>	<u>Points</u>
Morgan Application Cases (3 @ 25)	75
Case Analysis (2 @ 50)	100
dBase IV Case Problems (5 @ 25 Pts)	125
<u>Exams (3 @ 100 Pts)</u>	<u>300</u>
TOTAL	600

Final letter grades are assigned according to total points using a flexible scale. The final scale usually will fall near the following:

<u>TOTAL POINTS</u>	<u>PERCENT</u>	<u>LETTER GRADE</u>
540	90	A
480	80	B
420	70	C
360	60	D

TENTATIVE COURSE SCHEDULE

<u>DATE</u>	<u>TOPIC(S)</u>	<u>CHAPTER</u>	<u>ASSIGNMENT DUE</u>
(Week 1)	Introduction to Information Systems		1 (O)
	Managerial Overview: Computer Hardware		4 (O)
	Developing Spreadsheets Applications		1 (M)
(Week 2)	Solving Business Problems with IS		3 (O)
	Using Systems Development Tools		A (O)
	A Systems Solution to a Case Study		B (O)
(Week 3)	Managerial Overview: Computer Software		5 (O)2:Bader p21(M)
	Managerial Overview: Telecommunications		6 (O)
(Week 4)	Intro. to Database Concepts and dBase IV		1 (A)
	EXAM 1 [1,3,4,5,6,A,B(O);1(M)]		
(Week 5)	Managerial Overview: Database Management		7 (O)Jeff. St. pC-2(O)
	Creating a Database File Structure		2 (A)
(Week 6)	End User Computing and Office Automation		8 (O)10:Numis p57(M)
	Keeping the Database Current		3 (A)
(Week 7)	Information Systems for Operations, etc.		2 (O)3.Appletn dB54(A)
	Business Information Systems		12 (O)
	Transaction Processing and Reporting		9 (O)
(Week 8)	Managerial Decision Making		10 (O)3.AppletndB89(A)
	Querying the Database		4 (A)
	More Querying the Database		5 (A)3.AppletndB132(A)
(Week 9)	EXAM 2 [2,7,8,9,10,12(O); 1-3(A)]		
(Week 10)	Using the Report Generator		6(A)3.AppletndB174(A)
	Developing Database Applications		3 (M)
(Week 11)	Artificial Intelligence in Business		11 (O)
	Managing IT: Management and Planning		13(O)3.AppletndB213(A)
(Week 12)	Managing IT: Implementation and Control		14(O)10:PacePr.p138(M)
	Managing IT: International and Ethical Dimensions		15 (O)
(Week 13)	Nat.Ass.WW pC-18(O)		
(Week 14)	Study Week/Homework Catch-up and Tutoring Sessions		
(Week 15)	EXAM 3 [11,13,14,15(O); 4-6(A); 3(M)]		

NOTE: (O)=O'Brien text, (M)=Morgan text, (A)=Ageloff dBase IV text.
Assignment Due column indicates due dates for written assignments.