

OKLAHOMA STATE UNIVERSITY
WILLIAM S. SPEARS SCHOOL OF BUSINESS
DEPARTMENT OF MANAGEMENT SCIENCE AND INFORMATION SYSTEMS

Course Syllabus – Fall, 2007

Course Number and Title: MSIS 3303 Systems Analysis and Design
Section: MSIS 3303.1 MW 2:30 – 3:45 123 Business

Instructor: Jeretta Horn Nord
Office: 223 Business
Office Hours: MW 12:00 p.m. – 2:00 p.m.
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Instructor: Michael Hass
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Required Text: Essentials of Systems Analysis and Design, Third Edition by Valacich, George, & Hoffer. ISBN 0131854623

Syllabus Attachment: osu.okstate.edu/acadaffr/aa/syllabusattachment-Fall.htm

Grades and Course

Information/Notes: <http://oc.okstate.edu> (Desire2Learn)

Other Materials: CDRW or USB Drive

Prerequisites: MSIS 2103 or equivalent

Course Description/Objectives. Introductory Systems Analysis and Design Course including an overview of information systems and the Systems Development Life Cycle (SDLC). CASE tools will be used to illustrate data flow, data structure, process flow, input and output design, database design, and program specifications. The course will also integrate other skills necessary for the systems analyst including fact finding techniques for requirements discovery, user interface design, reporting, and project management.

Process for Evaluation. There are 600 points possible, allocated as follows.

Exam #1	150
Exam #2	100
Final Exam	150
Quizzes	
(11 @ 10 points each – <i>lowest score will be dropped – no make-ups</i>)	100
Major Project	100
Total Points	600

Grades will be assigned according to the following point distribution.

540-600 points	=	A
480-539 points	=	B
420-479 points	=	C
360-419 points	=	D
below 360	=	F

Exams. There will be two mid-term exams and a final exam. They will cover assigned readings from both of the required texts, assignments and associated concepts, and material presented and discussed in class. All exams may be comprised of the following types of questions: true-false, multiple-choice, matching, short-answer, problems, and essays. Exams will be retained by the instructor. *You are expected to take the exam during the scheduled time. If it is not possible for you to be present for an exam, please obtain instructor approval in advance.*

Major Project. The major project will include the analysis and design of a computerized system following the Systems Development Life Cycle. This project will apply most of the issues and concepts covered during the semester to a “real-world” DBMS application. The projects will be developed by teams of four to five students.

Course Policies.

CLASS ATTENDANCE: Since each part of this course builds on previous material, it is essential that you attend every class period. Class discussions and contributions from class members add depth and interest to class sessions, and you are needed to contribute your share. Material supplemental to the text will be presented in class, and you will be held responsible for it. If you should have to miss a class, determine what you have missed and take appropriate measures.

SPECIAL ACCOMMODATIONS: According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his or her disability and to request accommodations. If any member of a class thinks that he/she has a qualified disability and needs special accommodations, he/she should notify the instructor and request verification of eligibility for accommodations from the Office of Student Disability Services, 315 Student Union. Please advise the instructor of such disability as soon as possible, and contact Student Disability Services, to ensure timely implementation of appropriate accommodations. Faculty have an obligation to respond when they receive official notice of a disability but are under no obligation to provide retroactive accommodations.

ACADEMIC INTEGRITY: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration on homework or assignments, plagiarism, multiple submissions of the same assignment, cheating on examinations, fabricating information, helping another person cheat, having unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to appeal the charge. Contact the Office of Academic Affairs, 101 Whitehurst, 405-744-5627.

TENATIVE COURSE SCHEDULE

DATE	TOPIC	ASSIGNED READING/ASSIGNMENTS
August 20, 22	Introduction to Course The Systems Development Environment	Read Chapter 1
August 27, 29	Managing the Information Systems Project	Read Chapter 2
September 3, 5	UNIVERSITY HOLIDAY Systems Planning and Selection	Read Chapter 3
September 10, 12	Teams/Project Determining Systems Requirements	Major Project Assigned Read Chapter 4
September 17, 19	EXAM 1 EXAM 1 RETURNED Meet with Project Teams	
September 24, 26	Process Modeling	Read Chapter 5
October 1, 3	Securing Software Systems Meet with Project Teams	See Notes on D2L
October 8, 10	FALL BREAK Conceptual Data Modeling	Read Chapter 6
October 15, 17	EXAM 2 EXAM 2 RETURNED Meet with Project Teams	
October 22, 24	Selecting the Best Alternative Design Strategy	Reach Chapter 7
October 29, 31	Designing the Human Interface	Read Chapter 8
November 5, 7	Designing Databases	Read Chapter 9
November 12, 14	Systems Implementation and Operation	Read Chapter 10
November 19, 21	Information Assurance	See Notes on D2L
November 26, 28	PROJECT PRESENTATIONS	
December 3, 5	PROJECT PRESENTATIONS	
December 10	FINAL	Monday, December 10 from 2:00-3:50