Course	MIS6308 (ACCT 6340) Systems Analysis and Project Management
Instructor	Dawn Owens
Term	Fall 2013
Meetings	MW, 8:30-9:45 p.m., Room JSOM 2.717

Instructor Dr. Dawn Owens

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Office Hours M/W 10:00 – 2:00 PM
or by appointment

Prerequisites

MIS 6326 Data Management

Course Description

To provide the student with an in-depth knowledge of object oriented systems analysis and design procedures. Software project management techniques will be covered. At the end of the course, the student will be able to analyze business situations and design computer based information systems using object-oriented methodologies. (3 semester hours)

Learning Outcomes

1. Understand object oriented analysis and design methods
2. Be able to model an information system using Unified Modeling Language (UML) diagrams
3. Be able to analyze an existing system and identify the causes of an information related problem, and design a new system to mitigate these problems
4. Understand the unique issues of managing information systems development projects

Required Texts & Materials

Object-Oriented Systems Analysis and Design by Noushin Ashrafi and Hessam Ashrafi, Pearson Prentice-Hall, First Edition, 2009.

TOGAF 9 Enterprise Architecture material available at http://www.opengroup.org/togaf/

Suggested Materials:

Those interested in pursuing a career in systems analysis and design should learn to use Rational Software Modeler for their project. Others can do the project using Microsoft Visio. Rational Software Modeler can be downloaded for a limited trial period from www.ibm.com.

Course Schedule, Assignments, and Due Dates

This is a tentative class schedule; changes to the schedule will be posted in eLearning.

WEEK	CONTENT / READINGS	ASSIGNMENTS
Week 1	Introduction to the Course Chapter 1: Information Systems	
Week 2	Chapter 2: The Concept of Object Orientation Chapter 3: Methodology	Group Project Milestone 1
Week 3	Chapter 4: Gathering Requirements Definition Chapter 5: Domain Analysis	Assignment 1 (Object Concepts)
Week 4	Chapter 6 and Chapter 7: Behavioral Modeling: Use Cases	
Week 5	Chapter 8: Structural Modeling	Assignment 2 (Use Case Diagrams)
Week 6	Chapter 9: Dynamic Modeling	Assignment 3 (Class Diagrams) Group Project Milestone 2
Week 7	Review and Project Work	Assignment 4 (Sequence Diagrams)
Week 8	**Exam 1**	
Week 9	Analysis of UML Diagrams Chapter 10: The Design Challenge	Group Project Milestone 3
Week 10	Chapter 11: Application Design I Chapter 13: Application Design III	Assignment 5 (Analysis)
Week 11	Designing Controls Software Testing	Assignment 6 (Software Testing)
Week 12	Chapter 16: IT Architecture TOGAF (Material to be assigned)	Assignment 7 (Database Design)
Week 13	Project Management and Planning (Chapter 3)	Group Project Milestone 4
	FALL BREAK – Nov. 25 – Nov. 30 – No Class M or W	
Week 14	IS Project Management Issues Chapter 17: Implementation and Maintenance **Project Report Due**	Assignment 8 (Project Management)
Week 15	**EXAM 2**	

Assignment Guidelines

- All reading is to be completed before class on the date posted.
- All written assignments must be submitted at the beginning of class.
- Assignments must adhere to the APA style guide of formatting, citing, and referencing.
- Descriptions of assignments will be posted as they are assigned.
- The exams will consist of multiple choice, fill-in-the-blank, and short essay questions. The final exam is not comprehensive. Make-up exams will be in the form of essays.
- No extra credit assignments are available
- General grading criteria can be found in eLearning. Assignment specific grading criteria will be included with the assignment instructions.

Grading

This course will feature a mix of activities and written and verbal assignments that may be in class or on campus. Homework will include readings from the text, assignments, and activities that usually require the student to complete some type of task. The instructor will provide detailed instructions as well as the grading criteria for each assignment. Please consult the course schedule for deadlines.

Grading Scheme

Grade Component	Percentage
Assignments	**30%**
Exams	**35%**
Group Project	**25%**
Miscellaneous	
Course Attendance	**5%**
Course Participation	**5%**
Total	**100%**

Scoring

Final Point Total	Letter Grade
97-100+	**A+**
95-96	**A**
90-94	**A-**
87-89	**B+**
84-86	**B**
80-83	**B-**
77-79	**C+**
74-76	**C**
70-73	**C-**
68-69	**D+**
67-67	**D**
66-66	**D-**
0-65	**F**

Course & Instructor Policies

eLearning will be used for class content (e.g., class slides and assignment descriptions) and the recording of grades. Slides will be posted in before class is held. Class announcements (e.g., change in assignment dates) will be sent to the student email on record in eLearning. It is the students' responsibility to regularly check their email accounts.

Instructor Response Policy: The instructor will respond to all student inquiries (emails, voice messages, etc.) within 48 hours (excluding holidays and weekends).

Attendance Policy: Attendance is extremely important. Students are expected to attend all classes in order to achieve maximum success. Attendance will be taken and used in consideration for the Participation grade; however, this grade will also reflect the instructor's judgment of the value of contributions to class discussion. There is no makeup for missed in-class assignments.

Late Work: All assignments are due at the beginning of class (not during and not after), on the specified date. I do not accept late assignments unless ***prior*** arrangements have been made with the instructor. A penalty of 20% per day (including weekends) will be assessed on late assignments.

Academic Integrity: The University is committed to academic excellence and expects academic honesty from all members of the University community and believes that it is essential for academic excellence and integrity. Academic honesty includes adherence to guidelines established by the instructor in a particular course for both individual and group work. It prohibits representing the work of others to be one's own (plagiarism); receiving unauthorized aid on an assignment (cheating); and using similar papers or other work products to fulfill the obligations of different classes without the instructor's permission. Penalties for academic dishonesty may include a grade of "F" on the work in question or for the course. In addition, any student engaged in academic dishonesty will be subject to disciplinary action. Please refer to the General Polices website (see below) for detailed information pertaining to academic dishonesty, including procedures for determining disciplinary action.

General Policies & Procedures

For information regarding general University policies and procedures, please go to http://go.utdallas.edu/syllabus-policies. These policies include the following:

- Technical Support
- Field Trip Policies, Off-Campus Instruction and Course Activities
- Student Conduct and Discipline
- Academic Integrity
- Copyright Notice
- Email Use
- Withdrawal from Class
- Student Grievance Procedures
- Incomplete Grade Policy
- Disability Services
- Religious Holy Days
- Avoiding Plagiarism