



Course MIS 6308 & ACCT 6340 Systems Analysis and Project Management
Instructor Naser Islam
Term Fall 2016
Meetings Wednesday from 1:00 PM to 3:45PM.
Room JSOM 11.206

Instructor: Naser Islam

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Office Hours: Wednesday 11:30PM – 12:30 PM
or by appointment

TA: Mr. Sunil Vadav
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TA Office Hours: JSOM 2.604
Wednesday 4:00PM to 6:00PM
Friday 10:00AM to 12:00PM

Prerequisites

MIS 6326 Data Management or Professors consent

Additional Reading: Integrated Business Processes with ERP Systems

Free PDF: www.m5zn.com/newuploads/2013/02/16/pdf/m5zn_1073d1de2c663d8.pdf

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)

This is a Communication-Enhanced Course (CEC). CECs are courses in which you will strengthen your writing and speaking skills while you deepen your understanding of key material in your major. Both studies and employers tell us that your ability to write clearly and speak well about topics in your field will strongly increase your chances of professional success. CECs will help you to develop as a professional communicator and demonstrate your abilities both to your instructor and to potential employers. JSOM undergraduates will take 2 CECs before they graduate. You are encouraged to seek help with your speaking and writing at the Business Communication Center (<http://bcc.utdallas.edu>).

Learning Outcomes

1. Understand object oriented analysis and design methods.
2. Model an information system using Unified Modeling Language (UML) diagrams.
3. 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

Systems Analysis & Design an Object Oriented Approach with UML

By Dennis, Wixom, and Tegarden, Wiley Fifth Edition.

ISBN 978-1-119-03020-1

Visual Paradigm will be available for download from the eLearning page

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 |
|-------|---|--|
| 08/24 | Introduction to the Course Introduction to Enterprise Resource Planning with SAP ERP | |
| 08/31 | Discuss Syllabus and Group Assignment Chapter 1: The Systems Analyst and Information Systems Development | |
| 09/07 | Chapter 2: Project Selection and Management Project Management in Information Technology | |
| 09/14 | Project Management Process Groups Basic Concepts in Object Orientation | Group Project Module 1 Assignment 1 |
| 09/21 | Chapter 3: Requirements Definition Chapter 4: Functional Modeling | Assignment 2 |
| 09/28 | Chapter 5: Structural Modeling Chapter 6: Behavioral Modeling | Assignment 3 |
| 10/05 | Methodology - Project Management | Assignment 4 Group Project Module 2 |
| 10/12 | Project Presentations Review for Exam 1 | |
| 10/19 | Review for Exam 1 Project Presentations | |
| 10/26 | EXAM 1 Chapter 7: Moving into Design | |
| 11/02 | Chapter 8: Class and Method Design Chapter 9: Data Management Layer – Design | Assignment 5 |
| 11/09 | Chapter 10: Human Computer Interaction Layer – Design Software Quality Assurance (Chapter 12/Testing) | Assignment 6 Group Project Module 3 |
| 11/16 | Chapter 11: Physical Architecture Design Chapter 13: Installation and Operations | Group Project Module 4 |
| 11/23 | No Class – Fall and Thanksgiving Break | Group Project Final Report |
| 11/30 | Project Presentations and Project Report Due Review for Exam 2 | |
| 12/07 | EXAM 2 | |

Assignment Guidelines

- All reading is to be completed before class on the date posted.
- All assignments must be submitted at the beginning of class. Late assignments are **NOT** accepted.
- Written 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.
- **All assignments will be submitted via eLearning. I do NOT accept assignments via email. If you submit an incorrect assignment or need to resubmit your assignment in eLearning you will be allowed to resubmit as long as it is before the due date. Send me an email 24 hours prior to the due date and I will clear your submission. Upon doing so, you will be able to resubmit.**
- **DO NOT CHEAT and DO NOT PLAGIARIZE.**

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 | Points |
|--|--------|
| Assignments | 30% |
| Group Project (Modules, Presentations) | 30% |
| Exams (Midterm, Final) | 30% |
| Class Attendance/Participation | 10% |
| Total | 100% |

Scoring

| Final Point Total | Letter Grade |
|-------------------|--------------|
| 93-100 | A |
| 90-92 | A- |
| 87-89 | B+ |
| 83-86 | B |
| 80-82 | B- |
| 77-79 | C+ |
| 73-76 | C |
| 70-72 | C- |
| 67-69 | D+ |
| 63-66 | D |
| 60-62 | D- |
| 0-59 | 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 posted in eLearning.

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.

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 Policies 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