



**Course** MIS6308 (ACCT 6340)  
**Systems Analysis and Project Management**  
**Professor** Bill Hefley, PhD  
**Term** Fall 2016  
**Meetings** MIS6308 Sect 004 / ACCT6340 Sect 004  
Monday 4:00 pm - 6:45 pm : JSOM 2.903

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#### **Professor's Contact Information**

**Office Phone** 972-883-5006  
**Office Location** JSOM 3.420  
**Email Address** William.Hefley@utdallas.edu  
**Office Hours** Wednesday 4:00 – 5:00 pm, and by appointment

**Other Information** Please include your course number and section number in all email correspondence.

**TA** Announced in eLearning

#### **General Course Information**

<b>Prerequisite or Corequisite</b>	MIS 6320 or MIS 6326
<b>Course Description</b>	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)
<b>Student Learning Objectives/Outcomes</b>	<ol style="list-style-type: none"><li>1. Understand object oriented analysis and design methods</li><li>2. Be able to model an information system using Unified Modeling Language (UML) diagrams</li><li>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</li><li>4. Understand the unique issues of managing information systems development projects</li></ol>
<b>Required Texts &amp; Materials</b>	<ul style="list-style-type: none"><li>○ <u>Object-Oriented Systems Analysis and Design</u> by Noushin Ashrafi and Hessam Ashrafi, Pearson Prentice-Hall, First Edition, 2009.</li></ul> <p>Textbooks and some other bookstore materials can be ordered online through <a href="#">Off-Campus Books</a> or the <a href="#">UTD Bookstore</a>. They are also available in stock at both bookstores.</p>

<p><b>Suggested Course Materials</b> (Available online through the McDermott Library)</p>	<ul style="list-style-type: none"> <li>○ Karl Wiegers &amp; Joy Beatty (2013). <u>Software Requirements (3rd ed.)</u> Redmond, WA: Microsoft Press</li> <li>○ Project Management Institute (2013). <u>Guide to the Project Management Body of Knowledge (PMBOK) (5<sup>th</sup> ed)</u>. Newtown Square, PA : Project Management Institute.</li> <li>○ Alan Dennis, Barbara Haley Wixom and David Tegarden (2015). <i>Systems Analysis and Design: An Object Oriented Approach with UML, 5th Edition</i>, Wiley, print 978-1-118-80467-4, E-text; ISBN: 978-1-119-03026-3</li> </ul>
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### Assignments & Academic Calendar

[Topics, Reading Assignments, Due Dates, Exam Dates]

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

WEEK	CONTENT / READINGS	ASSIGNMENTS
1 M: Aug 22	Information Systems: OO Chapter 1 Intro to Project Management	
2 M: Aug 29	Methodology: OO Chapter 3 Project Management Process Groups	
M: Sept 5	LABOR DAY HOLIDAY – NO CLASS SESSION	
3 M: Sep 12	Object Oriented Concepts: OO Chapter 2	Sep 12 - Group Project – Milestone 1 Project Selection
4 M: Sept 19	Project Integration Management Project Stakeholder Management Project Scope Management	Sept 19 - Assignment 1 - Object Concepts
5 M: Sept 26	Gathering Requirements Definition: OO Chapter 4 Domain Analysis: OO Chapter 5 Behavioral Modeling: Use Cases: OO Chapter 6	Sept 26 - Individual Assignment 2 Project Management
6 M: Oct 3	Behavioral Modeling: Use Cases: OO Chapter 7 Structural Modeling: OO Chapter 8	Oct 3 - Group Project – Milestone 2 Scope/Requirements
7 M: Oct 10	Dynamic Modeling: OO Chapter 9	Oct 10 - Assignment 2 - Use Case Diagrams
8 M: Oct 17	<b>Oct 17 - Exam 1</b>	
9 M: Oct 24	Application Design: OO Chapter 10, 11 Project Time Management	Oct 24 - Assignment 3 - Class Diagrams
10 M: Oct 31	Application Design: OO Chapter 12, 13	Oct 31 - Assignment 4 - Sequence Diagrams
11 M: Nov 7	Application Design: OO Chapter 12, 13	Nov 4 - Group Project Milestone 3

12 M: Nov 14	IT Architecture: OO Chapter 16 Project Communication Management Project Stakeholder Management	
M: Nov 21	FALL BREAK AND THANKSGIVING HOLIDAYS – NO CLASS	
13 M: Nov 28	Software Testing: OO Chapter 17 Project Quality Management	
15 M: Dec 5	<b>EXAM 2</b>	M: Dec 5 - Group Project Milestone 4

### Course Policies

<b>Assignment Guidelines</b>	<ul style="list-style-type: none"> <li>• All readings are to be completed before class on the date posted.</li> <li>• All assignments must be submitted at the beginning of class. Late assignments are NOT accepted.</li> <li>• Descriptions of assignments will be posted as they are assigned.</li> <li>• The exams will consist of multiple choice, fill-in-the-blank, and short essay questions. Exam 2 is not comprehensive. Make-up exams will be in the form of essays.</li> <li>• No extra credit assignments are available</li> <li>• General grading criteria can be found in eLearning. Assignment specific grading criteria will be included with the assignment instructions.</li> </ul>
<b>Student Assessments</b>	<p>This course will involve a mix of activities and written and verbal assignments that include in class, on campus activities. Homework will include readings from the text, assignments, and these activities 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.</p> <p><b>Assignment submission instructions</b> You will submit your assignments (in the required file format with a simple file name and a file extension) by using the Assignments tool on the eLearning site. Please see the Assignments link on the course menu or see the icon on the designated page. You can click each assignment name link and follow the on-screen instructions to upload and submit your file(s). Please refer to the Help menu for more information on using this tool.</p> <p><b>Please note:</b> Each assignment link in eLearning <b>will be deactivated</b> after the assignment due time.</p> <p>After your submission is graded, you may click each assignment's "Graded" tab to check the results and feedback.</p>

	<p><b>Grading Information</b></p> <table> <tr> <th>Grade Component</th><th>Percentage</th></tr> <tr> <td>Assignments (Individual)</td><td>30%</td></tr> <tr> <td>Group Project</td><td>30%</td></tr> <tr> <td>Exams</td><td>30%</td></tr> <tr> <td>Attendance/Participation</td><td>10 %</td></tr> <tr> <td><b>Total</b></td><td><b>100%</b></td></tr> </table> <p><b>Grading Scale</b></p> <table> <tr> <th>Scaled Score</th><th>Letter Equivalent</th></tr> <tr> <td><math>\geq 93.3</math></td><td>A</td></tr> <tr> <td><math>\geq 90.0</math> and <math>&lt; 93.3</math></td><td>A-</td></tr> <tr> <td><math>\geq 87.7</math> and <math>&lt; 90.0</math></td><td>B+</td></tr> <tr> <td><math>\geq 83.3</math> and <math>&lt; 87.7</math></td><td>B</td></tr> <tr> <td><math>\geq 80.0</math> and <math>&lt; 83.3</math></td><td>B-</td></tr> <tr> <td><math>\geq 77.7</math> and <math>&lt; 80.0</math></td><td>C+</td></tr> <tr> <td><math>\geq 73.3</math> and <math>&lt; 77.7</math></td><td>C</td></tr> <tr> <td>Less than 73.3</td><td>F</td></tr> </table> <p><b>Accessing Grades</b></p> <p>Students can check their grades by clicking “My Grades” under Course Tools after the grade for each assessment task is released.</p>	Grade Component	Percentage	Assignments (Individual)	30%	Group Project	30%	Exams	30%	Attendance/Participation	10 %	<b>Total</b>	<b>100%</b>	Scaled Score	Letter Equivalent	$\geq 93.3$	A	$\geq 90.0$ and $< 93.3$	A-	$\geq 87.7$ and $< 90.0$	B+	$\geq 83.3$ and $< 87.7$	B	$\geq 80.0$ and $< 83.3$	B-	$\geq 77.7$ and $< 80.0$	C+	$\geq 73.3$ and $< 77.7$	C	Less than 73.3	F
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<b>Make-up Exams</b>	Make-up exams and quizzes will not be allowed without prior permission. Please notify the instructor 1 week prior to the exam if you require a make-up exam and include a reason why a make-up exam is necessary.																														
<b>Extra Credit</b>	Opportunities to earn extra credit will not be provided.																														
<b>Late Work</b>	<p>Students are required to submit all assignments on time. All assignments are due at the beginning of class (not during and not after), on the specified date.</p> <p>I do not accept late assignments unless prior arrangements have been made with the instructor. A one-letter grade penalty per day (including weekends) the assignment is late will be assessed on all late assignments. All late submissions must be submitted via email, as the assignment link in eLearning <b>will be deactivated</b> after the assignment due time.</p>																														
<b>Special Assignments</b>	None																														

<b>Class Attendance</b>	Attendance is extremely important. Students are expected to attend all classes in order to achieve maximum success. Please inform the instructor and your team mates in advance of your absence. You are responsible for collaboration with the instructor on any alternate assignments, as well as your team for team assignments.
<b>Classroom Citizenship</b>	<p><b>Meaningful Class Participation:</b> You are expected to actively participate in the discussion of readings, contribute to the learning experience of the class, and meaningfully contribute to all group project work. A peer evaluation will be performed to assess group project participation.</p> <p><b>Respect and Dignity:</b> At UT Dallas we appreciate and foster the many advantages that come from working in a diverse community where everyone is treated equitably, with dignity and respect. The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community. An environment that is free of discrimination and harassment allows members of the university community to excel in their academic and professional careers. To that end, to the extent provided by applicable federal and state law, the University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), national origin, age, disability, genetic information, or veteran status. The University's commitment to equal opportunity extends its nondiscrimination protections to include sexual orientation, gender expression and gender identity.</p> <p>Students are expected to recognize and respect a diversity of backgrounds and opinions among their fellow students. They should demonstrate respect for all students as an individual, recognizing that students may bring differing backgrounds, opinions and insights into the classroom.</p>
<b>eLearning</b>	eLearning will be used for class content (e.g., class slides and assignment descriptions) and the recording of grades. Slides will be posted in eLearning 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 UT Dallas email accounts.
<b>Instructor Response Policy</b>	The instructor will respond to all student inquiries (emails, voice messages, etc.) within 48 hours (excluding holidays and weekends).
<b>Scholastic Honesty</b>	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

	<p>or for the course. In addition, any student engaged in academic dishonesty will be subject to disciplinary action. Please refer to the <b>UT Dallas Syllabus Policies and Procedures</b> website (see below) for detailed information pertaining to academic dishonesty, including procedures for determining disciplinary action.</p> <p>All students are expected to maintain a high level of responsibility with respect to academic honesty. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.</p>
<b>Course Evaluation</b>	<p>As required by UTD academic regulations, every student must complete an evaluation for each enrolled course at the end of the semester. An online instructional assessment form will be made available for your confidential use. A link to an online instructional assessment form will be emailed to you for your confidential use.</p>
<b>Comet Creed</b>	<p><i>This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:</i></p> <p><b><i>“As a Comet, I pledge honesty, integrity, and service in all that I do.”</i></b></p>
<b>UT Dallas Syllabus Policies and Procedures</b>	<p>The information contained in the following link constitutes the University’s policies and procedures segment of the course syllabus. Please go to <a href="http://go.utdallas.edu/syllabus-policies">http://go.utdallas.edu/syllabus-policies</a> for these policies.</p> <p>Campus Carry - The University’s concealed handgun policy is posted on the campus carry website: <a href="https://www.utdallas.edu/campuscarry/">https://www.utdallas.edu/campuscarry/</a></p>

***The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.***

***Version 1 – 5 August 2016***