UTD

Course	**MIS6308.502: Systems Analysis and Project Management**
Professor	Ravi Narayan (Ravi)
Term	Fall 2016
Meetings	Tuesdays: 7pm – 9:45pm JSOM 1.217

Professor's Contact Information

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Office Location	JSOM 3.709
Email Address	r.narayan@utdallas.edu
Office Hours	Mondays: 6pm – 7pm
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General Course Information

Pre-requisites, Co-requisites, & other restrictions	MIS/BUAN 6320 or MIS 6326
Course Description	This course provides the student with an in-depth knowledge of object oriented systems analysis and design procedures. Software project management techniques will be introduced. At the end of the course, the student will be able to analyze business solutions and design computer based information systems using object-oriented methodologies.
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	1. Alan Dennis, Barbara Haley Wixom and David Tegarden, *Systems Analysis and Design: An Object Oriented Approach with UML, 5th Edition*, ©2016; Wiley E-text; ISBN: 978-1-119-03026-3
Other Information	The Course will be a combination of lectures, conceptual discussions, guest lectures, case analysis and panel discussion. Experience sharing sessions with practitioners will be organized. The students are expected to come prepared with the readings, analysis of cases, assigned for particular sessions. Please include your course number and section number in all email correspondence.

Assignments & Academic Calendar

Week #	Date(s)	Description	Book Chapter
1	8/23/16	Introduction to Information Systems	eLearning
2	8/30/16	Introduction to Systems Analysis and Design	1
3	9/6/16	Project Management	2
4	9/13/16	Project Management	2
5	9/20/16	Systems Analysis: Requirements Determination	3
6	9/27/16	Systems Analysis: Business Process and Functional Modeling	4
7	10/4/16	Systems Analysis: Business Process and Functional Modeling	4
8	10/11/16	Systems Analysis: Structural Modeling	5
9	10/18/16	Systems Analysis: Validating Models	6
11	10/25/16	Systems Analysis: The Object Paradigm	7 and 8
12	11/1/16	Systems Analysis: Data, Human Factors and Physical Layer Perspectives	9, 10 and 11
13	11/8/16	Systems Analysis: Data, Human Factors and Physical Layer Perspectives	9, 10 and 11
14	11/15/16	Making System Models a Reality	12 and 13
15	11/22/16	Fall Break – no classes	
16	11/29/16	Panel Discussion	
17	12/6/16	Finals and Closing Thoughts	

Grading Criteria

- ➤ Quizzes: 30 points
- ➤ Exams: 30 points
- ➤ Group Project: 30 points
- ➤ Class Participation: 10 points
- ➤ TOTAL   100 points

Grading Policy

Scaled Score	Letter Equivalent
>= 93	A
>= 90.0 and < 93	A-
>= 87 and <90	B+
>= 83 and < 87	B
>= 80 and < 83	B-
>= 77 and < 80	C+
>= 73 and < 77	C
Less than 73	F

Course Policies

Suggested Course	o Karl Wiegers & Joy Beatty (2013). Software Requirements (3rd ed.)

Materials *(Available online through the McDermott Library)*	Redmond, WA: Microsoft Press *(Available online through the McDermott Library)* o Project Management Institute (2013). <u>Guide to the Project Management Body of Knowledge (PMBOK) (5th ed).</u> Newtown Square, PA : Project Management Institute.
Make-up Exams	None
Extra Credit	None
Late Work	Will not be accepted; assignments are due at the beginning of the class they are due.
Special Assignments	None
Class Attendance	Class attendance and participation will be 10% of the grade – students are expected to actively discuss their viewpoints in class, participate in online discussions and make presentation(s) in class.
Classroom Citizenship	**Meaningful Class Participation:** 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. **Respect and Dignity:** 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. 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.
eLearning	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.
Instructor Response Policy	The instructor will respond to all student inquiries (emails, voice messages, etc.) within 48 hours (excluding holidays and weekends).
Scholastic Honesty	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 **UT Dallas Syllabus Policies and Procedures** website (see below) for detailed information pertaining to academic dishonesty, including procedures for determining disciplinary action. 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.
Course Evaluation	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.
Comet Creed	*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:* *"As a Comet, I pledge honesty, integrity, and service in all that I do."*
UT Dallas Syllabus Policies and Procedures	*The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please go to http://go.utdallas.edu/syllabus-policies for policies regarding* • *Technical Support* • *Student Conduct and Discipline* • *Academic Integrity* • *AccessAbility Services and Disability-Related Accommodations and/or Services* • *Class Attendance* • *Copyright Notice* • *Email Use* • *Field Trip Policies, Off-Campus Instruction and Course Activities* • *Incomplete Grade Policy* • *Religious Holy Days* • *Resources to Help You Succeed* • *Student Grievance Procedures* • *Withdrawal from Class*

These descriptions and timelines are subject to change at the discretion of the Professor.