Instructor: Dr. Shubho Bandyopadhyay
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Website:
The course website is maintained on the e-learning site. Please login to the system for syllabus, class communication, class notes, grades, updates to this document, etc.

Text:
Modern Systems Analysis and Design (customized edition)
Jeffrey A. Hoffer, Joey F. George and Joseph S. Valacich
Prentice Hall
ISBN-13: 978-1-323-34157-5

Goals:

The major goal of this course is to learn the basics of systems analysis and design. Modern businesses need information systems to support their business processes. Whether one opts for custom application development, or off-the-shelf information systems, it is important to understand the particular needs of a business to deliver a solution tailored to its requirements. The specification of a business' information needs is a non-trivial and complex task, and is hardly an exact science. Fortunately, several tools exist that can guide the modern systems analyst in this job. This course introduces the systems analysis and design process, and the various tools that have been traditionally used to come up with the specification of the information needs of a business (or a business division) that drives the development of the particular information system(s). To reinforce the concepts, the students will form small teams and analyze and design a business information system of their choice. Details regarding the course contents, critical deadlines, etc. can be found in a separate document called "Schedule", which will be updated from time to time, and will be found on the class website.

Assurance of Learning

Each program at the Warrington College of Business Administration has developed goals and objectives that express the most valued skills and knowledge that students should be able to demonstrate upon completion of the total learning experiences in that program. The following goals and objectives are specifically mapped to **ISM6128**.

The **ISOM** program goals and objectives that apply to this course are:

Learning Goal 1: Our graduates will be knowledgeable in core Information Technology, Decision Support, and Analytical Skills.

1B. Students will demonstrate competency in: Database Design; Systems Analysis and Design; Telecommunication Strategies and Technologies; Network Security; Analytical Tools, and Project Management.

Grading scheme:

Assignments and/or quizzes	20%
Exam I	30%
Exam II	40%
Project	10%

The grades for this course will be based on a curve. This means the grade that you get for this course will depend on your relative rank in the class. As per college norms, the grading will maintain a *maximum* mean grade point average of 3.50 (*for example*, one *possible* distribution could be 20% A, 20% A-, 50% B+, 10% B). Grades of C+, C and below can and will be given when student performance warrants.

Class policies:

Assignments and quizzes:

All assignments and quizzes should be individual submissions, unless otherwise announced in class. Students are free to discuss the assignments with me or with the teaching assistant. The assignments are due at the beginning of the designated class day. The due date will be strictly enforced. No late, faxed, emailed or photocopied submissions are acceptable.

Exams and make-up exams:

The exams will be closed book unless otherwise announced. THERE WILL BE NO MAKEUP EXAMS. Conflicts for the exams must be resolved before the exam dates. You should contact me at least two weeks prior to the exam date and let me know in writing. Last minute requests will not be entertained. The only reasons for not being able to sit for an examination in its announced time should be part of University policy, or a documented medical excuse.

"Re-grade" requests:

Any request to re-grade any component of your submissions (assignment or quiz or exam or project) has to be made within a week after the grade has been published online on the

e-learning site. Given the size of the class, and the speed with which the course progresses, any request beyond this deadline cannot be considered. The only exception to this rule is a documented emergency.

Project:

An important aspect of the course is to complete a project. You will be asked to work in small groups. There will be a project presentation and a report due near the end of the module. I expect all members of the group to contribute equally to the group activities and its output. We will discuss the exact details of what to do for the project as the class progresses. Any problems with group dynamics need to be resolved as soon as possible. Any complaints regarding unfair treatment by fellow group members at the end of the course will NOT be entertained.

Working in the context of groups and teams is an important managerial skill that is fostered in the MBA programs. Students should treat their responsibilities to team appointments and team work as they would treat professional business obligations.

Learning in the context of groups and teams also involves academic integrity. Team members are jointly responsible for the academic honesty and integrity of team work. They are obliged to participate in the work and learning process of the team so that they do not take academic credit for projects and assignments to which they have not made a fair and proportionate contribution

Class participation:

I expect highest level of participation during the entire module. Attendance is not compulsory during regular classes but if you miss any class you would be responsible for all material that was discussed in class or was in the assigned readings for that class. You are expected to be punctual in class attendance and remain in the classroom for the entire class session, as you would in any business appointment, unless an urgent need arises or prior arrangements have been made with me. There will be no make-up quizzes. You should complete the assigned readings before coming to class. I would expect you to be ready with answers to questions related to the readings.

Laptops and other electronic devices should be used with discretion and only as permitted for work directly related to the class session. Emailing, accessing the internet, and working on matters unrelated to the work at hand are inappropriate behaviors because they are disrespectful and distracting to the class and to the instructor. *If you have to access something important other than the class material, or have to communicate with someone during the class, please leave the classroom to do so*.

Classroom discussion is an important part of the pedagogy. Students should be fully prepared to engage in class discussion, and they should use the opportunity to develop positive and professional communication skills. This includes according respect for

differing perspectives and contributions to discussion, as well as building on the base for discussion laid by student colleagues and the instructor.

Discipline in class:

I would expect you to maintain the decorum of the class at all times. As with any other group activity, be acutely aware that your actions in class can have negative externalities that can collectively affect the performance of the entire group.

Teaching policies (academic honesty, student illness, religious holidays, accommodating students with disabilities and others): For an updated list of UF teaching policies, please visit http://www.registrar.ufl.edu/staff/policies.html.

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester.

In case of complaints about the course, the official UF students' complaint process can be found here: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf.

Academic integrity:

Academic integrity and honesty are essential in the development of a professional manager. This society is not willing to tolerate dishonest or otherwise unethical professional business managers. Students must attend to, and follow, the University of Florida code of student conduct, with special attention to academic integrity and academic honesty. They must never appropriate the ideas and work of others, including both academic sources and fellow students, without appropriate attribution or by claiming others work as their own. They must exercise complete honesty in following the conditions established by the instructor for examinations and other assignments. Finally, they must be honest with one another, be willing to be accountable for their own failures of honesty and integrity, and not tolerate such failures in classmates.

For any academic class activity, students must follow the University of Florida Student Honor Code. Any violation of the honor code could result in a grade of E (Fail) for this course and further sanctions that may include a suspension or expulsion from the University through the Dean of Students Office. All incidents will be reported to Student Conduct and Conflict Resolution at the University of Florida.

U Matter, We Care:

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our

community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Communication:

I will be available at my office during the office hours. I will also be available to talk to you and help you at other times if I am not busy with something else. If you need to set up an appointment at any other time than my regular office hours, please send me e-mail at shubho@ufl.edu, *or preferably through the e-learning system in Canvas*. I will respond as quickly as I can. Most of my communication that is meant for the entire class will be through the e-learning platform, so do log in to the system regularly (or set it up so that all emails get forwarded to your preferred email address).