SYLLABUS FALL 2015
CSCI 440 – Applied Software Project Development
SECTION: 440.001, Room: JOUR 104
Day and Time: R 5:00PM-7:30PM, Meets 8/31/2014 through 12/18/2014

Instructor: Dr. Abdullah N. Arslan
Office Hours: M: 4:20-7:20pm, T 11:50am-1:50pm, 4:30pm-6:30pm, R: 4-5pm, F: 4:10pm-6:10pm
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Please when you e-mail include 440 in the subject of your message

COURSE DESCRIPTION

Prerequisites: CSCI359, CSCI380, and (MIS 328 or permission of instructor)


Course Content: We review briefly the topics on the traditional and object oriented approaches to software development covered in prerequisite courses. The students will put their knowledge on these topics at work on the projects they select at the beginning of the semester.

Main Objective: To learn basics of the software engineering (SE) process life cycle, and develop a project with which the acquired knowledge is put into practice. The project is a major component of this course

Student Learning Outcomes (SLO):
1. Develop and maintain an informational and project repository web site for an application project.
2. Use Microsoft Visio to create, edit, and publish to a web site traditional process model diagrams.
3. Use Microsoft Visio to create, edit, and publish to a web site Entity-Relationship diagrams.
4. Develop and use a team constitution.
5. Solve team conflicts in a project building environment.
7. Create a database using an Entity-Relationship diagram.
8. Develop and implement a system application project in an object-oriented programming language using traditional process model diagrams as a guide.
9. Connect a database and interface to software project.
10. Create system documentation including help files, diagrams, and programming code.
11. Present the final project to an audience consisting of faculty, peers, administrators, and business leaders.
12. Evaluate other team members based upon specific criteria. (Derived based on team member evaluations.)

COURSE EVALUATION

Basis for Evaluation:
Assignments/project documentation 35%
Midterm Project Presentation 15%
Midterm Exam 10%
Final Project Presentation 25%
Final Exam 15%
Grading Policy:  

- **A:** 100% - 90%
- **B:** 89% - 80%
- **C:** 79% - 70%
- **D:** 69% - 60%
- **F:** Less than 59%

**TOPICS/ACTIVITIES BY WEEKS**

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<th>WEEK</th>
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<td>Project selection</td>
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<td>Project launch, team introductions, scope, planning</td>
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**Final Test**  
**Section:** 440.001  
**Date:** TBA  
**Time:** TBA

**COURSE POLICIES**

Due dates for parts of projects will be announced later.

**Late Policy:**
No late assignments and project will be accepted.

**Make-up Policy:**
No individual make-up test will be permitted except in the case of a formal institutional excuse. There will be no makeup for assignments and project.

**During the written exams laptops and phones must be switched off all the time.**

**Attendance:**
"Students are expected to be present for all class meetings of any course for which they are enrolled. Per University Procedure A13.02, effective September 1, 1996, students are responsible for learning about and complying with the attendance policy stated in the catalog, Student’s Guidebook, and/or faculty syllabus. It is the prerogative of the faculty to drop students from courses in which they have accrued excessive absences as defined in the course syllabus.” **Student Handbook**

The instructor will take the attendance at the beginning of each lecture and only once.

If a student misses 3 or more lectures without legitimate reasons, the instructor will make the student drop the course. If this is not possible, the letter grade of ‘F’ will be assigned to the student.

Parts of the lectures are also the times when teams meet to work and report on the project. The student is not doing his/her part when he/she misses a lecture.

Lateness and leaving class early may count as an absence and are not acceptable unless you are ill or a family emergency exists. If you miss a class, it is your responsibility to obtain notes from a fellow student. Office hours are not meant for individual lectures. Any class material missed by the student is the student's responsibility to acquire.
Students with Disabilities:
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library
Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu

Smoke, Vapor & Tobacco Free Environment: Procedure 34.05.99.R1 now prohibits the use of vapor/electronic cigarettes, smokeless tobacco, snuff and chewing tobacco inside and adjacent to any building owned, leased, or operated by A&M – Commerce.

The professor may make supplementary information for the course available online. These include class notes, assignments, PowerPoint slides, class announcements, the course syllabus, test dates, etc. The professor will announce in class when such information becomes available electronically. It is the student’s responsibility to follow these announcements.

Drops:
If the student finds that he/she cannot complete the course, he/she must not forget to drop on time.

Academic Integrity:
The university, college, and department policies against academic dishonesty will be strictly enforced. The instructor has a NO TOLERANCE policy for cheating. Students guilty of an act of academic dishonesty in this course will be subject to receiving an “F” in this course. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Disclaimer:
The professor maintains the right to modify the course schedule, policies and procedures any time during the semester in the event of extenuating circumstances. This syllabus will be discussed in the first lectures. Some changes are likely within the first two weeks of the semester.