



CSCI 595 Research Literature and Techniques

COURSE SYLLABUS: SUMMER 2015

Instructor: Dr. Hamid Azzo

Office Location: JOUR 200

Office Hours: Before and after class and by appointment

Office Phone: 903-457-6460

University Email Address: Hamid.Azzo@tamuc.edu

Class Meeting Time: Thursday 4:30-7:10 pm from 6/8/2015 through 8/13/2015

Final Project Report Date: 8/13/2015

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook Required: No textbook required. However, the following book is useful for learning about the software development life cycle and software systems analysis and design:

System Analysis and Design - 9th Edition

by Gary B Shelly and Harry J Rosenblatt, Shelly Cashman Series, 2012, ISBN-13: 978-1-133-27405-6 or ISBN: 0-538-48161-7

Course Description

A course designed to acquaint the student with the role of research in the initiation, development and modification of concepts and theories in computer science. A final written report and presentation and/or demonstration of results obtained during the course will be made to interested faculty members and students.

Student Learning Outcomes

- To clearly understand the fundamentals of project management and documentation
- To understand the fundamentals of software development lifecycles
- To develop a software product.

Course Outline/Content (Tentative)

Week	Dates (Tentative)	Content
1	6/11	Course introduction and literature survey techniques
2	6/18	Start project selection by students and continue literature survey
3	6/25	Finalize Project selection
4,5	7/2, 7/9	Planning & Analysis of the Project & Software
6	7-16	1 st Draft of the Software Design Document (SDD)
7	7/22	Feedback on Project
8	7/30	2nd Draft of the Software Design Document (SDD)
9	8/6	Begin Final Presentation of the Finished Project/Product
10	8/13	Final Report Due and Continue Final Presentation of the Project

Every week: Students will provide an update on their progress during the class meeting. Each student will be allocated certain amount of time period for their update. Students are welcome to use presentation software if they have visual demonstrations for their updates if time permits.

The instructor will use some of the class meeting time to introduce content and topics that will be helpful for students to develop their projects.

EXAMS & GRADING

Attendance & Weekly Student Updates/Progress	15%
Research Papers	15%
1 st Draft of the Software Design Document (SDD)	15%
2nd Draft of the Software Design Document (SDD)	15%
Final Presentation of the Finished Project/Product	20%
Final Report (will include the final SDD, codes, executables, software/product)	20%

Method of Evaluation (Tentative):

Final average Letter grade
90 – 100 A
80 – 89.9 B
70 – 79.9 C
60 – 69.9 D
Below 60 F

The instructor reserves the right to reward students for hard work or for an exceptional novel work (as judged by the instructor) relevant to the topics covered. The students are required to submit, via email, the programs, codes, executables, reports and presentation slides, i.e. everything related to the project, in electronic/digital formats in specific formats specified by the instructor.

COURSE REQUIREMENTS:

Study: To plan a minimum of three hours of outside preparation for each hour of class is a safe time allocation for successfully completing the course. So at least 7.5 hours/week of effort is expected.

Presentations & reports: It is the student's responsibility to have these ready on time by the given due date. Late presentations/submissions may not be accepted or may be penalized and they may not be accepted beyond a certain time. The presentations are required in MS PowerPoint format and the reports need to be in MS word document. The instructor may ask for hard copies as well.

Students will be informed of the presentation and exam dates around a week in advance. No opportunity will be given to do the presentations at earlier or later times except in extreme cases as judged by the instructor. Except extreme cases (as judged by the instructor), no individual makeup presentation will be permitted.

Attendance: Student participation will be graded by the level of class participation and attendance. Students are expected to attend every class. The student may fail the course if the attendance is below certain percentage as per the university student handbook.

Quizzes: The instructor may give unannounced pop-quizzes to help ensure students stay up with assigned material.

Exams: This course has no traditional exams, however, the instructor may add exams if he sees necessary.

Homework: This course has no traditional homework assignments, however, the instructor may add homework if he sees necessary.

Students can see their graded presentations, reports, quizzes etc. during the office hours. The students have two weeks to see their graded papers after the grades are announced, and one week for the final presentation and final report after their grades are announced.

The instructor may make supplementary information for the course available online on eCollege or some other website. These include class notes, assignments, PowerPoint slides, class announcements, the course syllabus, test dates, etc. The instructor will announce in class, via email or by posting on the course shell, when such information becomes available. It is the student's responsibility to follow these announcements, any course shells/websites if applicable, and check his/her university emails daily.

The instructor maintains the right to modify the course policy within the semester if need arises. Some changes are likely within the first few weeks.

ACADEMIC ETHICS:

"All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (See Student's Guide Handbook, Policies and Procedures, Conduct). Ethics include the issue of plagiarism, and copying parts or whole of assignments, quizzes and exams is just as serious as any other type of

plagiarism. If you are caught sharing or using other people's work, you will receive a 0 grade and a warning on the first instance. A subsequent instance will result in receiving an F grade for the course, and possible disciplinary proceedings. The student who shares as well as the one who copies will both receive a 0.

ATTENDANCE POLICY:

Student participation will be graded by the level of class participation, attendance, and weekly progress updates. Students are expected to attend every class. The student may fail the course if the attendance is below a certain percentage as per the university student handbook. If a student is absent from class on the due date of any assignment, they are expected to make alternative arrangements to assure that the assignment is turned in ON TIME. Any student wishing to withdraw from the course must do so officially as outlined in the class schedule. THE INSTRUCTOR CANNOT DROP OR WITHDRAW ANY STUDENT.

COURSE REQUIREMENT DEADLINES:

Credit will be given for ONLY those exam(s), program(s), and/or project(s) turned in no later than the deadline(s) as announced by the instructor of this class unless prior arrangement has been made with the instructor. Late assignments will be penalized, and the instructor may not accept late assignments after a specified period.

ACCOMMODATION POLICY FOR 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

DISCLAIMER:

The above schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances.