

SYLLABUS SPRING 2013
CSCI 595 – Research Lit & Techniques
SECTION: 595.001, Room: JOUR 234

Day and Time: W 4:30PM-7:10PM; Meets 1/14/2013 through 5/10/2013

Instructor: Dr. Abdullah N. Arslan
Office Hours: TWR 2:30pm-4:30pm

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Additional by appointment
Please when you e-mail include 520 in the subject of your message

COURSE DESCRIPTION

Text: No textbook is required

Course Content: Methods and examples for literature survey, scientific papers, software development phases, documentation, and presentation

Main Objective: 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.

Prerequisites: Completion of the required core courses.

COURSE OBJECTIVES

- To learn general theory, concept, and techniques related to the design of software and systems projects,
- To practice its design and development by performing a design project

STUDENT LEARNING OUTCOMES (SLO)

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

COURSE EVALUATION Basis for Evaluation:

Midterm Project Documentation and Presentation	25%
Midterm Exam	15%
Final Project Documentation and Presentation	45%
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

WEEK	TOPIC
1-3	Project selection and literature survey
4-5	Planning and Analysis
6	Midterm Project Presentation and Midterm Exam
7-10	Design and documentation for feed-back
10-12	Project implementation, testing, and documentation
13	Final Project Presentations
14	Final Project Presentation, Final Documents, and Final Exam

The professor reserves the rights to reward students for continuous hard work or for an exceptional novel scientific work (as judged by the instructor) relevant to the topics covered.

The programs will be submitted in an electronic form, whereas the other assignments are to be written in paper.

Final Test Section: 595.001

Date: TBA

Time: TBA

COURSE POLICIES

Tests: *Students will be informed of the presentation and exam dates around a week in advance. No opportunity will be given to take the tests or do the presentations at earlier or later times except in extreme cases as judged by the instructor.*

Makeup: *Except extreme cases (as judged by the instructor), no individual makeup test will be permitted.*

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

After a student's third absence, the professor may drop the student from the course. If this is not possible then the final grade for the course will become an automatic **F**. 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.

Academic Dishonesty:

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. 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. If you are caught in an academic dishonesty situation on **any** course work, you will be given a grade of **F** for the course and referred to the Dean of Students for further disciplinary action.

"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**).

Withdrawal Policy:

There are deadlines for withdrawing from this course. It is the student's responsibility to follow these deadlines.

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**

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.

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