CSCI595-002
Research Literature and Techniques
Fall, 2012
Tentative Course Syllabus

➢ INSTRUCTOR:
Sang C. Suh, Ph.D.
Professor & Head, Department of Computer Science
Texas A&M University - Commerce
Office Hours: Tue (1:00PM-2:00PM), Wed (1:00AM-2:00PM, 4-5PM) & Thur (3:00-6:00PM)
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➢ CLASS MEETINGS:
001 80725   T 4:30-7:10PM                JOUR 129  Suh S

➢ COURSE OBJECTIVES:
The course objectives are two-fold:
• 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 DESCRIPTION (OUTLINE):
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 portfolio and a series of presentations and/or demonstrations of project design and development, and its result as software product/project achieved during the course will be main requirements for the course.

➢ TEXTBOOK:
Not required.
**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).

**ATTENDANCE POLICY:**
Students are expected to be present at all class lectures. 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.

**Policy on makeup exams:**
There will be no makeup exams allowed.

**Policy on plagiarism:**
Any student found guilty of plagiarism will receive “F” as the final grade. It is left to the instructor to make the final jurisdiction on plagiarism.

**TENTATIVE SCHEDULE:**
(1 Weeks) Introduction  
(1 Weeks) Requirement Study  
(2 Weeks) System Design  
(2 Weeks) System Development  
(2 Weeks) Midterm Presentation  
(2 Weeks) System Implementation  
(2 Weeks) System Maintenance  
(1 Week) Final Exam  
(1 Week) Final Demonstration

**METHOD OF EVALUATION (TENTATIVE):**
Tests* (30%)  
Project Portfolio (20%)  
Design Project Specification (10%)  
Presentation (40%)

**Grading Policy:**
A - 90% and above; B - 80% - 89%; C - 70% - 79%; F - below 70%

* The one test may be replaced by an additional requirement of the project.
LITERATURE SEARCH AND RESEARCH ASSISTANCE:

For research assistance, please contact:
Reference Librarian: Sciences & Collection Development
903-886-5728

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@tamu-commerce.edu