



# Department of Computer Science

1900 Avenue I  
Suite 421F, Lee Drain Building

Huntsville, Texas  
P.O. Box 2090 • 77341-2090

(936) 294-3846  
Fax • (936) 294-1882

## COURSE SYLLABUS CS 437W.01, CS 560W.01 Software Engineering Credit hours: 3 Spring 2008

**Location:** AB1 #206  
**Class meeting time:** 3:30pm – 4:50pm TuTh  
**Instructor:** Jiahuang Ji  
**Office:** AB1 #212B (tele. 294-1579, email address: jiahuang@shsu.edu)  
**Office hours:** M 10:00am – 1:00pm  
TTh 12:30pm – 3:30pm  
**Course description:** This course is an introduction to formal methods of specifying, designing, implementing and testing software for large programming projects. Topics of project management, risk management, estimating and predicting reliability are discussed.  
**Course objectives:** Training students with the knowledge of software engineering methodology and with the ability to participate large-scale software projects  
**Prerequisite:** CS334 (Database) and 3 hours of advanced CS course.  
**Textbook:** Software Engineering by Roger Pressman, 6<sup>th</sup> edition, McGraw Hill.  
Lecture notes

### Course requirements:

**Assignments:** The students will be required to do a team project, give presentations, and work on other types of homework. All the homework is due in class on the due date, not midnight. Late homework is accepted up to one week with penalties (2% off on the due date but after class, 5% off on each additional day.) In general, student homework will be graded and returned back to students one week from the due date.

**Exams:** Three exams, including the final exam, will be given. Students will be given at least one week notice for the date of these exams. All the examinations are written examinations. There is no make-up examination available for any student. If a student has a good reason on missing an exam, the grade he/she receives from the following exam is counted for both. Students who fail to take both the first and the second exam, or fail to take the final examination fail the class automatically unless excused for good cause by the college Dean.

**Grading plan:**

Assignments	30%
First exam	15% (at about the end of February)
Second exam	20% (at about the middle of April)
Final exam	35%
>= 90	⇒ A
>= 80 but < 90	⇒ B
>= 70 but < 80	⇒ C
>= 60 but < 70	⇒ D
< 60	⇒ F

**Class participation:** Absences will not be used in computing the grade. However, according to the university's policy, for classes that meet twice a week, a student who has two consecutive absences or a total of four absences will be resigned from the university unless excused for good cause by the student's academic dean.

**Student absences on religious Holy days:** Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work.

**Academic dishonesty:** Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom.

**Classroom rules of conduct:** Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.

**Students with disabilities policy:** It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center.

**Visitors in the classroom:** Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

(For the detailed description of the university policy, please visit: <http://www.shsu.edu/syllabus/>)