CSC 416/5416
Software Engineering

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COURSE CREDIT: 3 hrs. credit

PREREQUISITES: CSC 216

OFFICE HOURS: MWF 9:30-10:30; MW 1:00-3:00; TR 2:00-3:00; other times by appointment

TEXT: Object Oriented Software Engineering, Stephen R. Schach

DESCRIPTION: A study of the analysis, design, and implementation of major software systems. Topics include software development life-cycles and software development product management. An exercise in developing a large software product is central to the course.

EVALUATION: The instructor reserves the right to make adjustments as necessary.
Tests: There will be a two exams worth 100 points each.
Project: There will be a team software product project worth 100 points
Final Exam: There will be a comprehensive final examination given at the time specified by the college. This examination will be worth 100 points.

Graduate credit: Students taking this course for graduate credit will be required to read certain papers on software engineering topics and answer pertinent questions on exams regarding the content. These papers will be specified by the instructor and will either be provided or will be available in the MC Library or via the Internet. A research paper is also required on an approved software engineering topic that will be worth 100 points.

Grading Scale: 360 - 400 (450 - 500) points A 240 - 279 (300 - 349) points D
320 - 359 (400 - 449) points B 0 - 239 (0 - 299) points F
280 - 319 (350 - 399) points C

Note: The student is expected to keep copies of all assignments. All graded work that is not returned to the instructor, should be retained by the student. If there were to be any question later about your grade, you would be expected to show these papers or provide a copy of the assignment.

1 Values in parentheses are for students taking the course for graduate credit
CLASS ATTENDANCE:
The student is expected to attend classes. Regulations for class attendance are given in the catalog. **Three tardies counts as one absence in this class. (See the Mississippi College catalog).**

MAKE-UP WORK & TESTS:
Students are expected to take tests on the day they are assigned. However, it is the student's responsibility to contact the instructor in case of an emergency illness or death in the family before the test. At that time the student and instructor will agree on a time for the make-up exam. This time should be within 2 days of the missed test. Assignments are to be turned in on the day they are due!! All work is due at the beginning of the class period. Any work not turned in will lose 10% credit for each school day until the third day. The due date at the beginning of class is day 1. No work will be accepted after the third day. Under no circumstances will work be accepted after the assignment has been graded and handed back in class. Laboratory assignments not completed during the period are due before the next laboratory meeting. A missed laboratory can be made up at a special laboratory session at the end of the semester.

ACADEMIC INTEGRITY:
This statement on academic honesty in computer science courses is an addendum to the Mississippi College policy 2.19 found at http://www.mc.edu/resources/publications/policy-pdf/academic/2.19.pdf. In a computer science class individual effort is expected. Student misconduct not only includes cheating on tests, but also extends to copying or collaborating on programming assignments, projects, lab work or research unless otherwise specified by the instructor. Using other people's accounts to do your work or having others do your work is prohibited. Close proximity in lab does not mean collaboration is permitted. **NOTE:** Discussing logical solutions to problems is acceptable, exchange of code, pseudocode, designs, or procuring solutions from the Web, other texts, the Internet or other resources on or off campus is not acceptable. **First offense:** grade of 0 for **all** parties involved unless the "guilty" party can be determined as well as any punishment deemed necessary under policy 2.19. **Second offense:** grade of F in the course as well as any punishment deemed necessary under policy 2.19.

SPECIAL ACCOMMODATIONS:
In order for a student to receive disability accommodations under Section 504 of the Americans with Disabilities Act, he or she must schedule an individual meeting with the Director of Student Counseling Services immediately upon recognition of their disability (if their disability is known they must come in before the semester begins or make an appointment immediately upon receipt of their syllabi for the new semester). The student must bring with them written documentation from a medical physician and/or licensed clinician that verifies their disability. If the student has received prior accommodations, they must bring written documentation of those accommodations (example Individualized Education Plan from the school system). Documentation must be current (within 3 years). The student must meet with SCS face-to face and also attend two (2) additional follow up meetings (one mid semester before or after midterm examinations and the last one at the end of the semester). Please note that the student may also schedule additional meetings as needed for support through SCS as they work with their professor throughout the semester. Note: Students must come in each semester to complete their Individualized Accommodation Plan (example: MC student completes fall semester IAP plan and even if student is a continuing student for the spring semester they must come in again to complete their spring semester IAP plan).

DROPPING A COURSE:
Last day to drop a course with a 100% refund ............................................. January 19
Last day to drop a class .............................................................. March 26
Students cannot withdraw after this date with a W (passing) unless the three following criteria are met:
- Extenuating circumstances (clearly outside the student’s control)
- Passing the course at the time of withdrawal
- Does not have excessive absences at the time of withdrawal
CSC 416/5416
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11:00pm-11:50pm MWF
MCC 204
Spring 2010

Moddle page for the course: http://cosmo.mc.edu/moodle/course/view.php?id=295

Exam and Project Dates

**Exam 1** ................................................................. Feb 19

Research paper (graduate students only) .................................................... April 2

**Exam 2** ................................................................. April 9

Completed Software Engineering Project Due ........................................ April 28

**Final Exam, 11:00am** .......................................................... April 30