Syllabus

CSE 3310: Fundamentals of Software Engineering

Spring 2019

Section 004; Fridays 09:00 AM - 11:50 PM; GS 104

Instructor: Rodrigo Augusto dos Santos;

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Website: crystal.uta.edu/~santos

Office Location: ERB 310

Office Hours: Mondays & Wednesdays 12:30 - 2:00 PM or by Appointment

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GTA Information:

Name: TBD

E-Mail: TBD

Office Location: TBD

Office Hours: TBD

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Required Textbook: Software Engineering - 10Ed.; Ian Sommerville

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Course Objective and Assessment:

Introduction to software engineering principles, processes, and techniques. Study of software development practices focusing on functional analysis and design methods. Other topics include feasibility analysis and specification, requirements management, implementation strategies, testing and maintenance, Agile methods, and some aspects of project management and software cost estimation. This course specifically assesses your ability to design and conduct experiments, analyze and interpret data, and your ability to identify, formulate, and solve engineering problems. Therefore, certain related assignments in this course must be passed in order to pass the course. Specifically, a passing grade in the term project is required in order to pass this course.

Grading Policy:

- Mid-term Exam   25%
- Final Exam   25%
- Team Project   50%

      Project Breakdown: Requirement Specification 10%, Software Design 25%, Software Test Plan 5%, Presentations 10%

Grade Distribution:

A = 100 to 90, B = 89 - 75, C = 74 - 60, D = 59 - 50, F = 49 and Below

Attendance:

Attendance is mandatory in this class. If you cannot make it to any lecture, you must inform me via e-mail prior to the start of that lecture. E-mails after the lecture is over is not acceptable. Emergency situations will be reviewed per specific circumstance. If you miss more than 3 lectures without prior notification, excluding the emergency situations, you may receive a failing grade or reduction in your course grade. All students are expected to be available for the entire semester as specified in the university calendar at: https://www.uta.edu/uta/acadcal.php

General Policies:

- Students are responsible for checking this web site frequently for course related material and announcements. This site will be the primary form of communication for the course unless otherwise specified.
- Please include "CSE 3310" in the Subject line of all e-mail correspondence.
- Any homework or projects assigned is due at the end of the class on the due date. There is a 10% penalty for every 24 hours being late, or fraction thereof, beyond the deadline. Maximum latency is 5 days beyond which a grade of zero will be assigned.
- No make up exams or assignments will be given.
- This is a coding class. You will be required to implement software using Android.
- All exams are closed book.
- The instructor reserves the right to modify the policies, calendar, assignments, point values and due dates.
- Faculty are required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate because of that disability. Student responsibility primarily rests with informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.

Academic Integrity:

It is the philosophy of The University of Texas at Arlington that academic dishonesty is completely unacceptable and will not be tolerated. Anyone involved in academic dishonesty will be disciplined in accordance with University regulations and procedures, possibly including suspension or expulsion from the University. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Please refer to the university's policy in this regards at http://www.uta.edu/conduct/academic-integrity/index.php