Course Information

CSE 1311-001
Introductory Programming for Engineers & Scientists
(Spring 2015)
University of Texas at Arlington
Department of Computer Science and Engineering

Instructor Information:

Times: Tuesday, Thursday: 2:00 to 3:20 pm
Instructor: Dr. Ishfaq Ahmad
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Email: iahmad@uta.edu
Office Hours: Tuesday, Thursday, 1:00 pm to 2:00 pm
Class Room: NH110
Instructor Webpage: http://ranger.uta.edu/~iahmad
Course Webpage: http://ranger.uta.edu/~iahmad/cse1311.html
Teaching Assistant: Shehryar Ali Arshad
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Course Material:
• Text Book: C By Discovery, 4th Edition, Foster & Foster
• Software: Microsoft Visual Studio.Net
Visual Studio.Net is available on the computers in the PC Labs, or is available for purchase from the Maverick Computing Center in Ransom Hall.

Reference Material:
• Lehman, Steven, Problem Solving and Computation for Scientists and Engineer
• Peterson, Richard, Introductory C with C++

Catalog Listing:
CSE 1311 Introductory Programming for Engineers & Scientists (3-0) 3 Hours credit: An introduction to the algorithmic process and to programming in C using standard control structures, arrays, files, strings, pointers, bit manipulations and structures. Prerequisite: Math 1323 (Or concurrently)

Course Objectives and Outcomes:
The objective of this course is to familiarize the student with working in programming and algorithms in the C Language with respect to applying math formulas and acquainting them with Visual Studio.

Additional Help outside of class:
UTA has a mentoring groups.

**Honor Code:**
The material taught in this course is for individual assignments. Cheating on tests, homeworks, and programming assignments will result in a failing grade for the work and will be subject to the Academic Dishonesty Policy of the university. If you have a question on an assignment or test, please direct them to the instructor or to the teaching assistant.

**Grading:**
 Programming Homeworks: 30%
Quizzes: 15%
Midterm: 25%
Final: 30%

**Reading Assignments:**
Each chapter assignment should have been read before the class on which it is to be covered.

**Programming Assignments:**
Over the length of the course, programming assignments will be given out to the students, and will also be posted on the web page after class. Programming assignments are to be completed by each student on an individual basis. Late Programs will be accepted one class day late for 10 points off. Programs late a second time will not be accepted. Late programs will be turned in at the beginning of the class as well.

**Quizzes:**
Pop quizzes will be given over the course of the semester. No make-ups for these pop quizzes will be given. Pop quizzes will cover material from the lectures and the reading, homework, and programming assignments.

**Exams:**
Students are required to attend and participate in both exams. Material on the exams will be from the course lecture and assignments. If a student cannot make an exam date, then an early make-up exam may be given if the student notifies the instructor in advance. Any decisions regarding examinations will be made by the lecturer.

**Attendance and Drop Policy:**
Roll will be called for each class period. Each student is expected to attend each lecture, but is not required to do so. No student will be dropped by the lecturer for not attending class or for excessive absences, but without attending the class, important communication and information about the subject will not be available. Please come to class early and be ready to begin when the roll is called.

**Updates:**
Updates to the class policies, syllabus, assignments, schedule, and other material will be available on the website as they are developed for the course.
**Resubmission:**
If a student believes a mistake has been made in grading an assignment, the student has one week after an assignment is returned to resubmit an assignment for re-grading if they believe there is an error. A TA can change a grade on homework or a programming assignment, but exams and quizzes must be taken up with the lecturer. Papers will not be re-graded in the classroom.

**Ethics Code:**
Violation of the ethics code specified in the Statement of Ethics will be reported to the proper authorities. Penalties will be taken as stated in the Statement of Ethics.

**The Attendance Bonus:**
There is a bonus for good attendance in class. To get this bonus, a student must be on time and attend the lecture.
Exceptions: If for some reason a student cannot attend class that day due to family or religious reasons, they need to bring a note with a simple explanation. If for some reason a student cannot attend class due to a health reason, they need to bring a note from their physician covering why they did not come. Not attending class because a student was off doing the homework due that day is not a satisfactory reason. The daily role will only be taken once. After it is finished, the roll is closed. Students leaving a class immediately after the role is taken will be counted as absent. At the end of the semester, the percentage of time attended will be used to calculate the bonus of up to 100 points to be added into the Homework total before the average is taken.

**Exam and Pop Quiz Make-Ups:**
Should a student miss a pop quiz, and has a valid reason (family, illness, accident) for being absent, then the grade of the final exam will be used in place of that pop quiz.
Should a student have a scheduled event that conflicts with an exam, come see the instructor about taking an exam early. If not, then the final exam will be used in place of the exam.
Should a student miss an examination, and has a valid reason (family, illness, accident) for being absent, then the grade of the final exam will be used in place of that pop quiz.

Should a student miss an examination or pop quiz, and has no valid reason, then the grade for that exam or pop quiz is a zero.
The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals. You may be entitled to know what information UTA Arlington (UTA) collects concerning you. You may review and have UTA
correct this information according to procedures set forth in UTA System BPM #32. The law is found in sections 552.021, 552.023, and 559.004 of the Texas Government Code. Students are prohibited from selling (or being paid for taking) notes during this course to or by any person or commercial firm without the express written permission of the lecturer teaching this course.