

CSE 1105: Introduction to Computer Science
Fall 2012

Instructor(s): Dr. Eric Becker

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Office Hours: Wednesday, 2:00-2:50, Friday 12:00-12:50

Section Information: CSE 1105-002

Time and Place of Class Meetings: Nedderman Hall, Room 110, Wed, 3:00 pm to 3:50 pm

Description of Course Content: Introduction to basic engineering concepts. Opportunities are provided to develop skills in oral and written communication, and department-specific material. Case studies are presented and analyzed. Corequisite: CSE 1104.

Student Learning Outcomes:

- Becoming acquainted with the Computer Science and Engineering Department
- Becoming aware of the requirements needed to pursue a degree
- Introduction to student organizations
- An introduction to the history of Computer Science
- Exposure to case studies about Computer Science

Required Textbooks and Other Course Materials:

Required Textbooks: None

Additional Material: The Gift of Fire, 4th Edition, Sara Baase, ISBN 0-13-249267-9

Descriptions of major assignments and examinations:

Since this is an introduction course, most of the material will be one-week assignments based on the topicality of the subject. No major projects are involved.

Attendance:

Attendance is required for this course. Failure to attend class on a regular basis will result in a **25% penalty** of the final grade. Attendance will be taken at the beginning of each class. After that, the roll is closed.

Other Requirements: [If relevant, insert special requirements such as specific and course prerequisites, out-of-class meetings, etc. It is *especially* important to let students know if there are any attendance requirements that go beyond regular class meetings so that those with other responsibilities (family, work, other courses) can plan accordingly.]

Grading:

Over the course of the semester, there will be ten assignments given in the class.

Each of these assignments will be worth 10 points each.

The sum of all of these assignments is the value of the grade.

If attendance is unsatisfactory, 25% of the total will be subtracted.

Grade Grievances: 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. *Papers will not be re-graded in the classroom!*

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering.

Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://www.uta.edu/ses/fao>).

Americans with Disabilities Act: The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Academic Integrity: All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

Instructors may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents' Rule* 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

Student Support Services: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.

Electronic Communication: UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>.

Student Feedback Survey: At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory shall be directed to complete a Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

Final Review Week: A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

Course Schedule.

"As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. –Eric W Becker.

Topic	Topics	#	Assignments	Given	Due
First Week of Class	Syllabus				
Ethics	College of Engineering Ethic Statement and Honor Code	1	COEES FORM	29-Aug	5-Sep
Late Registration				29-Aug	
Blackboard	How to turn things in on the Blackboard System	2	Sample in Microsoft Word	5-Sep	11-Sep
Census Date				10-Sep	
Degree Plans	Dr. Linda Barasch will present.	3	2 Year Draft Plan in Microsoft Excel	12-Sep	18-Sep
Research Areas	Dr. Fillia Makedon will present.			19-Sep	
History	Pascal, Cooper, Turing, Kilby, Ritchie	4	Blackboard Direct Type	26-Sep	2-Oct
Computer Games	Game Maker, What is Engine, What is Player	5	Blackboard Direct Type	3-Oct	9-Oct
Student Organizations	Student Organization recruitment			10-Oct	
Console Vs IDE	Makefile, Omega, Visual Studio, Eclipse/Netbeans	6	"Hello World" Program	17-Oct	23-Oct
Hardware Case Studies	Toyota Acceleration, Mars Lander, and Airport Luggage	7	Blackboard Direct Type	24-Oct	30-Oct
Last day to Drop				31-Oct	
Biomedical Case Studies	Therac-25, Dialysis, Neo-Natal Care	8	Blackboard Direct Type	31-Oct	6-Nov
Internet Case Studies	Internet Bubble, Social Networking, What Next?	9	Blackboard Direct Type	7-Nov	13-Nov
Graduate Students	Graduate Student Week	10	Blackboard Direct Type	14-Nov	20-Nov
Thanksgiving	Thanksgiving			22-Nov	
Dead Week	Preview CSE 1320 & 2315			28-Nov	
Finals Week					