

Course Syllabus

Course Information: Fall 2016

ECS 1100.501 – Introduction to Engineering and Computer Science

Instructor:

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Course Pre-requisites, Co-requisites, and/or Other Restrictions

For ECS freshmen only

Co-requisite: UNIV 1010 and Introduction to Major course (BMEN 1100; EE 1100; MECH 1100; CS 1200)

Course Description

ECS 1100 - Introduction to Engineering and Computer Science (1 semester credit hour) Introduction to engineering and computing careers; overview of ECS curricula, connections among ECS fields and to the sciences, and other fields; basic study, problem solving and other skills needed to succeed as an ECS major. Co-requisite: [UNIV 1010](#). (1-1) Y

Course Objectives

1. Freshman will be able to relate the core curriculum learning outcomes and degree program outcomes to the goal of being an educated individual adult in a democratic society after completion of their degree.
2. Freshman will examine their own skills as an incoming university student through self-assessment: then compare their assessment to the skills necessary for success as university students including critical thinking skills, communication skills, teamwork skills, empirical and quantitative skills, and social and personal responsibility.
3. Freshman will use new skills presented in the course as a roadmap to academic success.
4. Freshman will be integrated into the university community.

Required Materials: Access to computer and the internet

Suggested Course Materials: Notes, other material/resources will be posted on eLearning

NOTE: Assignments and calendar are tentative and subject to change.

Assignments & Grading Scale

You can earn up to 1,000 points in this class. These points can be earned through successful completion of assignments, class attendance, and meeting all out-of-classroom activity requirements.

ASSIGNMENT	POINTS VALUE
CLA+ Assessment	50
Jung Typology Test	45
Semester-at-a-glance	45
Out of Class Activities	120
Academic Goals	50
Elevator Speech	50
Resume	45
Group Project	200
Budget	45
Life Skills Reflection	50
Attendance	300

A	930-1000
A-	900-929
B+	870-899
B	830-869
B-	800-829
C+	770-799
C	730-769
C-	700-729
D+	670-699
D	630-669
D-	600-629
F	0-599

Attendance (300 points)

You are expected to attend every class session. Each session is only 50 minutes long (Mon/Wed and Tues/Thurs sections) or 110 minutes long (Friday sections), so being on time to class is essential. **If you are more than 10 minutes late for class, you will be counted as absent!** You will be allowed **up to 4 unexcused absences**. Excusing an absence will require proper documentation and a significant reason. If you have more than 4 unexcused absences, the penalty to your grade will be as follows:

- 5 unexcused absences = 25% penalty on your attendance grade
- 6 unexcused absences = 50% penalty on your attendance grade
- 7 unexcused absences = 75% penalty on your attendance grade
- 8 unexcused absences = 100% penalty on your attendance grade (loss of all 300 attendance points)
- 9 unexcused absences = FAILURE of ECS 1100

Friday Only Sections - Please note: Friday sections count as 2 class meetings. If you miss one entire Friday class, then you will receive 2 unexcused absences. Please be mindful of your absences.

Out-of-Class Activities (120 points)

Campus and community involvement is crucial to retention and overall success. All UTD freshmen are expected to participate in at least **ONE** community service experience, and attend **TWO** campus activities/events/programs outside of the classroom before the end of the semester. Students will submit a reflection for each out-of-class experience. Reflection should include a brief description of the experience and what was learned and/or gained.

- Participate in community service and turn in a 1 page reflection on your experience = 60 points
- Attend campus activity/event/program and turn in a 1 page reflection on your experience = 30 points
- Attend campus activity/event/program and turn in a 1 page reflection on your experience = 30 points

Course & Instructor Policies

Assignment Policy

Student will upload most assignments to eLearning. *Unless otherwise specified*, email or hard copies will not be accepted. Assignments are considered on time if submitted by assigned due date and time. Late Assignments will be accepted and subjected to a 5-point deduction per day late.

Excused Absences

Student may have an excused absence which will not count against their attendance grade.

Types of excused absences and the policies that apply to them are noted here:

- All students participating in UTD competitive teams and groups must bring an official Intercollegiate Competition Memo prior to any sanctioned absences. Students must inform the instructor of the impending absence at least 2 weeks prior to the absence. If this does not occur, it is the instructor's discretion to excuse or not excuse the absence.
- Any anticipated absence arranged through Disability Services must be shared with the instructor at least 2 weeks prior to the absence. If this does not occur, it is at the instructor's discretion to excuse or not excuse the absence.
- Students observing a holy day must inform the instructor before the class day to be missed.
- Illness—in the event you are ill and unable to attend class, please adhere to the following:
 - Email your instructor before class informing them you will not be attending and why.
 - Obtain a doctor's note stating that you were ill and unable to attend class.
 - If you do not have a doctor's note, the absence will be considered unexcused.
- Other emergencies—students must present some form of documentation of the unforeseen event that could not have been prevented (police accident report, jury summons, etc)

Email Communication

The best way to reach the instructor is through email. Please put the course name in your subject line and send the email from your UTD email address. Instructors only answer emails sent from students' UTD email addresses and addressed to the instructor's email address listed above. Please do NOT email via eLearning. Emails received by instructors in the evening and on the weekends will be responded to on the instructor's next working day.

Electronic Devices

Do not use cell phones, laptops, tablets, etc during class. There are no exceptions to this policy other than documented need for assistive devices provided by the Office of Student Accessibility. If students choose to ignore the policy, please note that compliance will be monitored and will be reflected in the class participation grade. Cell phones must be turned off or to vibrate and are not to be answered or used for text messaging during class time.

Technical Support

If you experience any problems with your UTD email account, you may send an email to:

assist@utdallas.edu or call the UTD Computer Helpdesk at 972-883-2911.

If you need technology assistance with eLearning, contact the eLearning Helpdesk 866-588-3192.

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

Course Schedule

WEEK	DATES	NOTES	TOPIC	ASSIGNMENT
1	Aug. 22		Introductions, syllabus, UNIV 1010	ASSIGN: UNIV 1010/CLA+ assessment ASSIGN: Jung Typology Test
	Aug. 24		Time Management	ASSIGN: Semester-at-a-glance
2	Aug. 29		Time Management/Study Skills Intro	ASSIGN: Academic Goals DUE: Semester-at-a-glance
	Aug. 31		Study Skills and Academic Resources	DUE: CLA+ assessment (Sept 3)
3	Sept. 5	Labor Day Holiday - UTD Closed	NO CLASS	
	Sept. 7	Census Day - Last day to drop without "W"	Student Involvement	ASSIGN: Out-of-Class Assignments DUE: Jung Typology Test
4	Sept. 12		Professional Communication	DUE: Academic Goals
	Sept. 14		Public Speaking	ASSIGN: Elevator Speech
5	Sept. 19		Public Speaking: Elevator Speeches	DUE: Elevator Speech
	Sept. 21		Public Speaking: Elevator Speeches	
6	Sept. 26		First Year Meetings (FYM)	
	Sept. 28		First Year Meetings (FYM)	
7	Oct. 3	Last day to drop with automatic "W"	Career Development (Career Center)	ASSIGN: Resume
	Oct. 5		Group Dynamics: In Class Activity	ASSIGN: Group Project
8	Oct. 10	Mid Term Grades Available 10/15	Stress Management	DUE: Resume
	Oct. 12		Midterm Boost/Group Activity	
9	Oct. 17		Mid Term Reflection: Resource Reminder	Reflection Handout in Class
	Oct. 19		Budget and Financial Planning	ASSIGN: Budget

10	Oct. 24		Campus Safety	DUE: Budget
	Oct. 26	Oct. 27 - Last day to drop with "WL"	Group Activity	
11	Oct. 31		Registration	ASSIGN: Registration Form
	Nov. 2		Registration	DUE: Registration Form
12	Nov. 7	Nov. 7th - Registration Begins: Check Orion for dates and times	Drugs & Alcohol	ASSIGN: Life Skills Reflection
	Nov. 9		Mental and Sexual Health	
13	Nov. 14		Speaker: Diversity	DUE: Life Skills Reflection
	Nov. 16	Fall Break Nov 21 - 25: No Classes	Student Involvement Follow-up	
14	Nov. 28		Group Presentations	DUE: Group Project
	Nov. 30		Group Presentations	DUE: Out-of-Class Assignments
15	Dec. 5		Group Presentations	
	Dec. 7	Last Day of Class	Group Activity	