

# ***ECS 1100.008 Course Syllabus***

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**Fall 2020**

## **ECS 1100.008 – Introduction to Engineering and Computer Science Tuesday and Thursday | 9:00-9:50 a.m. CST**

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### **Instructor:**

Name: Stacey Moran

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### **Teaching Intern:**

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Office Hours: By appointment only through GenBook (<http://utd-ecs-studentservices.genbook.com>). All appointments will be conducted via Microsoft Teams.

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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; MECH 1100; EE 1100; CE 1100; CS/SE 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](#).

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### **Course Modality and Expectations**

<b>Instructional Mode</b>	Remote/Virtual
<b>Course Platform</b>	Course instruction will be delivered live via Microsoft Teams. Please ensure that you have the Microsoft Teams application downloaded to your computer before the first day of class. Audio and webcam are required. Headphones or earbuds are encouraged. Course material will be available on eLearning. Assignments will be uploaded to eLearning.
<b>Asynchronous Learning Guidelines</b>	To request asynchronous access, please contact Stacey Moran via email: <a href="mailto:Stacey.Moran@utdallas.edu">Stacey.Moran@utdallas.edu</a>   <a href="https://www.utdallas.edu/fall-2020/asynchronous-access-for-fall-2020/">https://www.utdallas.edu/fall-2020/asynchronous-access-for-fall-2020/</a>

### **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 a computer. Access to the internet. Microsoft Teams application. Speakers. Webcam.

**Suggested Materials:** Headphones or earbuds. Notes and other material/resources will be available on eLearning.

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

**COVID-19 Guidelines and Resources**

Please visit <http://go.utdallas.edu/syllabus-policies>

# ECS 1100: Introduction to Engineering & Computer Science (FALL 2020)

## Assignments & Grading Scale

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

ASSIGNMENT	POINTS VALUE
Instructor's Choice	50
Semester-at-a-glance	50
Out of Class Activities	120
Academic Goals	50
Elevator Speech	50
Resume	50
Major Research	50
Midterm Reflection	50
Budget	50
Life Skills Reflection	50
Instructor's Choice	130
Discussion Board	300

All assignments must be typed. All typed assignments must adhere to the following guidelines:

- Unless otherwise directed, all assignments should be at least 1 page minimum and no more than 2 pages.
- Should be double-spaced with a normal font type (e.g. Times New Roman, Calibri) and no larger than 12 pt.
- Unless otherwise directed, all assignments should be submitted via eLearning by the assigned deadline.

### Discussion Board Participation (300 points)

You are encouraged to attend every class session. Each session is only 50 minutes long, so being on time is essential.

You are required to participate in each discussion board activity in eLearning. There will be one discussion board topic per week, for a total of 15. Please create a new thread for each post of 50 words or more. Please respond to at least 2 other posts, with each post being 25 words or more. The deadline each week is Friday at 4:00 p.m. CST. Not contributing to discussion board activities before the deadline will result in a grade point deduction of 20 points per missed topic.

### 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** (in-person or virtual) community service experience and attend **TWO** (in-person or virtual) campus activities/events/programs outside of class time before the end of the semester. Students will submit a reflection paper for each out-of-class experience. Reflection papers should include a brief description of the experience and what was learned and/or gained.

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

# ECS 1100: Introduction to Engineering & Computer Science (FALL 2020)

## Topics Calendar

WEEK	DATES	NOTES	TOPIC	ASSIGNMENT
1	Aug. 18	First Day of Class	Introductions, syllabus	
	Aug. 20		Time Management	<b>ASSIGN:</b> Semester-at-a-glance
2	Aug. 25		Time Management/Study Skills Intro	<b>ASSIGN:</b> Academic Goals <b>DUE:</b> Semester-at-a-glance
	Aug. 27		Study Skills and Academic Resources	<b>DUE:</b> Academic Goals
3	Sept. 1	Sept. 1 - Last day to drop without "W"	Professional & Civil Communication	
	Sept. 3		Stress Management Part I	
4	Sept. 8		No Class	
	Sept. 10		Introduction to Public Speaking	<b>ASSIGN:</b> Elevator Speech
5	Sept. 15		Public Speaking: Elevator Speeches	<b>DUE:</b> Elevator Speech (Last names A-K)
	Sept. 17		Public Speaking: Elevator Speeches	<b>DUE:</b> Elevator Speech (Last names L-Z)
6	Sept. 22		Stress Management Part II	
	Sept. 24		Career Development	<b>ASSIGN:</b> Resume <b>ASSIGN:</b> Major Research
7	Sept. 29	Sept. X - Last day to drop with automatic "W"	First Year Meeting (FYM)	<b>DUE:</b> Resume <b>DUE:</b> Major Research
	Oct. 1		First Year Meeting (FYM)	<b>DUE:</b> Resume <b>DUE:</b> Major Research
8	Oct. 6	Mid Term Grades Available 10/10	Student Involvement	<b>ASSIGN:</b> Midterm Reflection
	Oct. 8		Midterm Reflection: Resource Reminder	<b>DUE:</b> Midterm Reflection
9	Oct. 13		Budget and Financial Planning	<b>ASSIGN:</b> Budget
	Oct. 15		Introduction to Registration	<b>ASSIGN:</b> Registration Form

10	Oct. 20	Oct. 23 - Registration Begins: Check Orion for dates and times   Oct. 26 - Last day to drop with "WL"	Registration (Individual Meetings)	<b>DUE:</b> Budget <b>DUE:</b> Registration Form
	Oct. 22		Registration (Individual Meetings)	
11	Oct. 27		Campus Involvement	
	Oct. 29		Campus Safety	
12	Nov. 3		Drugs & Alcohol	<b>ASSIGN:</b> Life Skills Reflection
	Nov. 5		Mental and Sexual Health	
13	Nov. 10		Diversity/Intern Choice	
	Nov. 12		Group activity	
14	Nov. 17		Critical Thinking	<b>DUE:</b> Life Skills Reflection
	Nov. 19		Ethical Decision Making	<b>DUE:</b> ALL Out-of-Class Assignments!!!
15	Nov. 24	Last Day of Class	Diversity/Intern Choice	