

LDEE Exit Workshop

For Students Transitioning from Lower Division to the ECE Department



The College of Engineering Expects...

**Undergraduate
Research**

**Intern
or Coop**

**Engineering
Student
Organization**

**and
Team
Competitions**

**3.5
GPA**



Electrical Engineering Department

ORGS:



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CATALOG: EE Degree Plan

- **128 Credit Hours**
- **What is a degree plan?**
 - The requirements a student must complete to graduate.
- **Core Curriculum**
 - Must complete a 45-semester credit hour core curriculum.
 - See 1-9



CATALOG: EE Degree Plan

Block **A**
University Core (Texas
requirements)
45-credit hours



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A Core Curriculum (45 SCH) (minimum of "C" grade required)		Semester Completed	Final Grade	SCH	Sub #
1 Communication (6 credit hours required)					
RWS 1301*	Rhetoric and Composition I				
RWS 1302*	Rhetoric and Composition II				
2 Mathematics (4)					
MATH 1411*	Calculus I				
3 Life and Physical Sciences (8)					
PHYS 2420*	Introductory Mechanics				
PHYS 2421*	Introductory Electromagnetism				
4 Language, Philosophy, and Culture (3) Select and circle one					
ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 1301*, 2306*, RS 1301*, SPAN 2340*, WS 2300*, 2350*					
5 Creative Arts (3) Select and circle one					
ART 1300*, ARTH 1305*, 1306*, DANC 1304*, FILM 1390*, MUSL 1321*, 1324*, 1327*, THEA 1313*					
6 American History (6)					
HIST 1301*	History of the U.S. to 1865				
HIST 1302*	History of the U.S. since 1865				
7 Government/Political Science (6) -- all 6 SCH must be completed at the same institution					
POLS 2310*	Introduction to Politics				
POLS 2311*	American Govt. & Politics				
8 Social and Behavioral Sciences (3)					
CE 2326*	Econ. For Engrs & Scientists				
9 Component Area Option (6)					
UNIV 1301*	Foundations of Engineering				
CS 1320*	Computer Programming Sci. / Engr.				

CATALOG: EE Degree Plan

B Foundational Math & Science (15 SCH)		Semester Completed	Final Grade	SCH	Sub #
MATH 1312*	Calculus II				
MATH 2313*	Calculus III				
MATH 2326*	Differential Equations				
MATH 3323*	Matrix Algebra				
CHEM 1305*, BIOL 1305*, or MATH 2300*					

Block B
Math and Science
Requirements

Block E
Concentration Courses

E Major: Concentration Courses (12 SCH)		Semester Completed	Final Grade	SCH	Sub #
see advisor for list of concentrations & approved courses within concentration.					

Block F
Technical Elective

F Technical Elective (3 SCH)		Semester Completed	Final Grade	SCH	Sub #
see advisor for approved courses					



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CATALOG: EE Degree Plan

C Major: Required Lower Division Courses (21 SCH)		Semester Completed	Final Grade	SCH	#
EE 1105*	Lab for EE 1305				
EE 1305*	Intro to EE				
EE 2369*	Digital Systems Design I				
EE 2169*	Lab for EE 2369				
EE 2372*	Software Design I				
EE 2350*	Electric Circuits I				
EE 2351*	Electric Circuits II				
EE 2151*	Lab for EE 2351				
EE 2353*	Cont. Time Signals & Systems				

Block **C**
Lower Division EE Courses

D Major: Required Upper Division Courses (32 SCH)		Semester Completed	Final Grade	SCH	#
EE 3138*	Lab for EE 3338				
EE 3176*	Lab for EE 3376				
EE 3195*	Junior Professional Orientation				
EE 3321*	Electromagnetic Field Theory				
EE 3325*	Applied Quantum Mechanics for EEs				
EE 3329*	Electronic Devices				
EE 3338*	Electronics I				
EE 3340*	Electronics II				
EE 3353*	Discrete Time Signals & Sys.				
EE 3376*	Microprocessor Systems I				
EE 3384	Probabilistic Methods-Engr/Sci				
EE 41__	Senior-level Lab				
EE 4220*	Senior Project Lab I				
EE 4230	Senior Project Lab II				

Block **D**
Upper Division EE Courses

CATALOG: EE Concentrations

1. **Computer Engineering**
2. **Fields and Devices**
3. **General**
4. **Power and Energy Systems Engineering**
5. **Biomedical Engineering**
6. **Signal Processing, Systems and Communications**



CATALOG: Policies & Procedures

- **Pre-requisite** - A course or other requirement that a student must take prior to
- **Co-requisite** - A course or other requirement that a student must take at the same time
- **EE Courses Example:**

Course	Prerequisite	Corequisite
EE 1305	MATH 1411+	EE 1105
EE 2350	EE 1305, PHYS 2421, MATH 1312, MATH 2326	-
EE 2351	EE 2350, MATH 2326, PHYS 2421	EE 2151

+ May be taken at the same time



CATALOG: Policies & Procedures

- **What is the UTEP Catalog?**
 - *“The catalog introduces you to our policies and procedures, degrees, majors and minors, and curricula.”*
- **Where to find it?**
 - <http://catalog.utep.edu/undergrad/>



CATALOG: Policies & Procedures

- **Which catalog do I have to follow?**
 - *“...the catalog in effect at the time of his or her admission...”*
 - Transfer: *“...can select a catalog that was in effect prior to the first semester of enrollment...”*
- **How long is the catalog I choose to follow valid?**
 - *“A student must complete all requirements within seven (7) years...”*



CATALOG : Course Policies

- **Six-Maximum Drop**

- All students are limited to six (6) course drops.
- This does not apply to courses dropped prior to census day or complete semester withdrawal.

- **D/F Course Repeat**

- Applies to all 1000 (FR) and 2000 (SOPH) level courses.
- The failing grade is disregarded from the overall GPA once.
- Any engineering and science course can be taken up to (3) times.



Strategic Course Selection

- **1st Priority:** UNIV 1301 course
- **2nd Priority:** Math course
- **3rd Priority:** ENGR/CS courses
- **4th Priority:** RWS 1301 & 1302 course
- **5th Priority:** Science course
- **6th Priority:** Core courses



Priorities vs. Hours Per Week

Credit Hours	Study Hours	"School is Work" Hours	Sleep Hours	Work Hours
15	45	60	56	0
12	36	48	56	< 20
3 - 6	9 - 18	12-24	56	40

= credit hours x 3

= credit hours + study
hours

= 8 hours of sleep x 7 days
per week

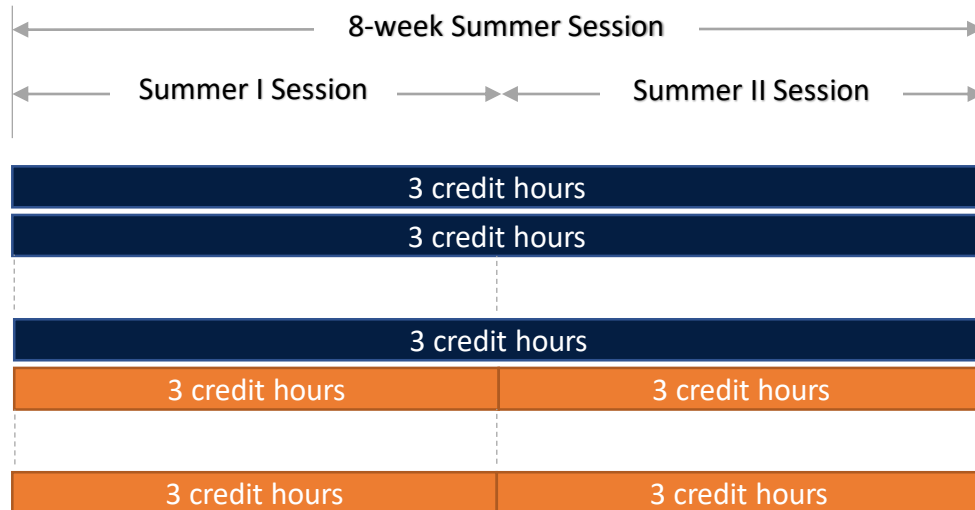
Is this a priority?



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Hours Per Semester

Summer Maximum Classes Enrollment



Maximum Class Load

Semester	Max. Credit Hours	If combined with
Fall	21	N/A
Wintermester	6	
Spring	21	Wintermester, 24
Maymester	6	
Summer	9	Maymester, 15



Finance

- **How Much will You Pay in Tuition for Fall 2019?**

- Resident: 12 hrs - \$3,796.84 15 hrs - \$4,661.95
- Non-Resident: 12 hrs - \$ 10,016.80 15 hrs - \$ 12,418.15
 - Doesn't include these fees: new student, incidental, course related & individual major

- **How to Pay for College?**

1. Financial Aid and Scholarships...Apply, Apply, Apply!
2. Internships
3. EPCC / Consortium Agreement
4. Loans
5. Part-time work



UTEP ECE Department Advising

- **Step 1.** Attend one of the Kick-Off Sessions. Or if you miss the session, score at least an 85% on the advising quiz on blackboard.
- **Step 2.** Take your degree plan and schedule an appointment with an advisor.
- **Step 3.** Get your hold removed.
- **Step 5.** Register!



**For more information
visit:**

[UTEP Engineering->ECE->UG](#)



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QUESTIONS?



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