

LDCE Exit Workshop

For Students Transitioning from Lower Division to the CE Department



The College of Engineering Expects...

**Undergraduate
Research**

**Intern
or Coop**

**Engineering
Student
Organization**

**and
Team
Competitions**

**3.5
GPA**



Civil Engineering Department



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UG Program Director



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ORGS:

ASCE



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**Engineering Building
Room A-225
(915) 747-5464
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CATALOG: CE 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: CE Degree Plan

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

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)					
CHEM 1305*	General Chemistry				
CHEM 1105*	Laboratory for CHEM 1305				
PHYS 2420*	Introductory Mechanics				
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				



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B Foundational Math & Science (9 SCH)		Semester Completed	Final Grade	SCH	Sub #
MATH 1312*	Calculus II				
MATH 2313*	Calculus III				
MATH 2326*	Differential Equations				

Block B
Math
Requirements

Block E
Lower Division
Tech Elective

Block F
Upper Division
Tech Elective

E Lower Division Technical Elective (3 SCH) Circle the one you chose:	Semester Completed	Final Grade	SCH	Sub #
BIOL 1305*, CHEM 1306*, MATH 3323, PHYS 2421*				
F Upper Division Technical Elective (3 SCH) Circle the one you chose:	Semester Completed	Final Grade	SCH	Sub #
ACCT 2301*, CE 4377, CHEM 1306*, MATH 3323 POLS 3350, POLS 3351, POLS 4359, RWS 3359				



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CATALOG: CE Degree Plan

C Major: Required Lower Division Courses (30 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 1301*	Civil Engineering Fundamentals				
CE 1313*	Engineering Measurements				
CE 2315*	Statics				
CE 2334*	Mechanics of Materials				
CE 2335 ^a *	Geological Engineering				
CE 2338* or PHYS 3331	Mechanics II-Dynamics or Thermal Physics				
CE 2343*	Structural Analysis I				
CE 2373 ^b *	Engr Probability and Statistical Model				
CE 2375*	Introduction to Fluid Mechanics				
CE 2385*	Environmental Engineering Fundamentals				
D Major: Required Upper Division Courses (38 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 3334	Construction Management				
CE 3336	Civil Engineering Materials				
CE 3342	Water and Wastewater Engineering				
CE 3345	Design of Concrete Structures				
CE 3348	Geotechnical Engineering				
CE 3361	Design of Steel Structures				
CE 3456	Hydrology and Hydraulic Engineering				
CE 4339	Geostuctural Design				
CE 4340	Transportation Engineering				
CE 4188	Senior Design I				
CE 4288	Senior Design II				
CE 4195	Junior Professional Orientation				
CE 4375	Advanced Topics in Civil Engineering I				
CE 4376	Advanced Topics in Civil Engineering II				

Block **C**
Lower Division CE Courses

Block **D**
Upper Division CE Courses

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
- **CE Courses Example:**

Course	Prerequisite	Corequisite
CE 1301	-	MATH 1411
CE 2315	MATH 1411, CE 1301, PHYS 2420	-
CE 2334	CE 2315	-



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

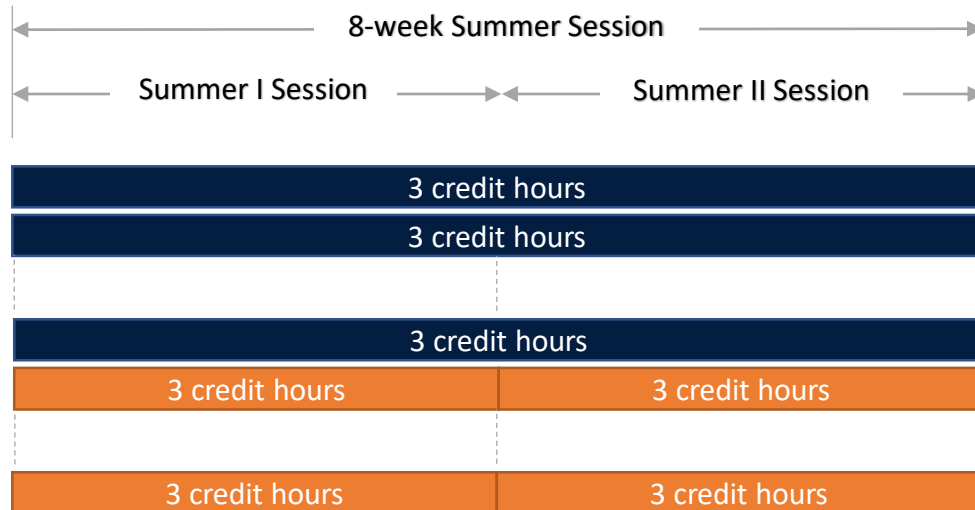
Is this a priority?



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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 CE Department Advising

- **Step 1.** Attend a group advising session.
- **Step 2.** Schedule an appointment with your assigned advisor.
- **Step 3.** Take your advising form and resume to your 1-on-1 advising appointment.
- **Step 5.** Get your hold removed at the front desk.
- **Step 6.** Register!



Advising is only once a year

For more information visit:

[UTEP Engineering->CE->advising](#)



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QUESTIONS?



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