Your Future

Are you analytical, an effective communicator with leadership ability, good at visualization and a critical thinker? You could make an ideal civil engineer, on the front line of designing the infrastructure that makes our world turn or supervising its construction and maintenance.

Lamar University ensures civil engineering graduates possess the necessary broad skill set, from cost accounting to geology. Whether you need to resolve issues before they become problems, present a report to public officials or apply advanced mathematics to a challenge, career-centered faculty prepare you for success.

Career Opportunities

- Construction Materials
- Environmental Engineering
- Geotechnical Engineering
- Project Management
- Societal Risk Management
- Structural Engineering
- Sustainability
- Transportation

LU SCHOLARSHIPS

<table>
<thead>
<tr>
<th>Amount/Year</th>
<th>Transferable GPA</th>
<th>Renewable?</th>
</tr>
</thead>
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<tr>
<td>$2,000</td>
<td>3.5-4.0</td>
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</tr>
<tr>
<td>$1,500</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
<tr>
<td>$1,000</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
</tbody>
</table>

*Based on availability and for full-time students who have earned more than 30, but less than 90 transfer credits and enrolled in on-campus programs

TO APPLY FOR SCHOLARSHIPS

- Complete your admissions application
- Visit lamar.edu/myscholarships
- Complete the General Application

PRIORITY DEADLINES

Fall – July 1
Spring – December 1
I’m ready to apply. What’s next?  
You’ve made a great choice! 
Follow the steps below to becoming a Cardinal.

REQUIRED STEPS  
1. Finish your degree at Central Texas College  
2. Complete your application and transfer to Lamar University through ApplyTexas.org  
3. Finish your Civil Engineering degree on campus

A.S. ENGINEERING  
FALL SEMESTER  
ENGL 1301 - Composition I  
HIST 1301 - U.S. History I  
SPCH 1315 - Public Speaking  
Creative Arts Selection  
ENGR 1201 - Intro to Engineering  

SPRING SEMESTER  
HIST 1302 - U.S. History II  
PHYS 2425 - University Physics  
MATH 2413 - Calculus I  
GOVT 2305 - Federal Government  

SUMMER (if applicable)  
MATH 2414 - Calculus II  
CHEM 1411 - Component Area Option  

FALL SEMESTER  
PHYS 2426 - Phy/Life Science Selection  
ENGR 2301 - Engineering Mechanics-Statics  
ENGR 2305 - Electrical Circuits I  

SPRING SEMESTER  
GOVT 2306 - Texas Government  
ENGR 2332 - Mechanics of Materials  
Lang/Phil/Culture Selection  
ENGR 2302 - Engineering Mechanics-Dynamics  
Social/Behavioral Sci Selection  

B.S. CIVIL ENGINEERING  
FALL SEMESTER  
CVEN 3311 - Intro to Environmental Engineering  
CVEN 3340 - Structural Analysis  
CVEN 3351 - Fluid Mechanics  
INEN 2373 - Engineering Economics  
CVEN 1201 - Intro to Civil Engineering  
MATH 3370 - Intro to Theory of Statistical Inference  

SPRING SEMESTER  
CVEN 3300 - Engr Materials Systems  
CVEN 3360 - Engineering Hydrology  
CVEN 3370 - Water and Waste  
CVEN 3390 - Geotechnical Engineering  
CVEN 2370 - Intro to CAD and Surveying  

SUMMER (if applicable)  
GEOL 1403/ BIOL 1405 - Science Elective  
MATH 3301 - Ordinary Differential Equation  
MATH 2415 - Calculus III  

FALL SEMESTER  
CVEN 4212 - Civil Engineering System Design Project  
CVEN Elective  
CVEN 4340 - Foundation Engineering  
CVEN 4380 - Reinforced Concrete Design  
CVEN 4110 - Seminar  
CVEN 4365 - Intro to Trans Engr  

SPRING SEMESTER  
CVEN Elective  
CVEN 4350 - Hydraulics  
CVEN 4390 - Structural Steel  
CVEN 4313 - Civil Engineering Systems Design Project II  

Lamar University is an equal opportunity/affirmative action educational institution.