Your Future

Do you want to pursue a career where you can design, build, develop and test machine systems? The Bachelor of Science Degree in Mechanical Engineering at Lamar University prepares you for a career in machine design, systems design, energy resources and conversion, manufacturing and production, transportation and environmental impact, materials and structures and aerospace.

Lamar University ensures mechanical engineering graduates possess the necessary broad skill set that incorporates development and manufacturing of mechanical devices. Whether you need to build a project from scratch, test a device with your peers or apply advanced mathematics to a challenge, career-centered faculty are here to prepare you for success.

Career Opportunities

• Automotive
• Aerospace
• Electronics
• Textiles
• Mechanical Engineer
• Automotive Engineer
• Control Engineer
• Instrumentation Engineer

LU SCHOLARSHIPs

TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*
$2,000  3.5-4.0  YES

$1,500  3.0-3.49  YES

PHI THETA KAPPA (PTK) SCHOLARSHIP
$1,000  3.0-3.49  YES

*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
**A.S. ENGINEERING**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>ENGR 1201 – Intro to Engineering</td>
<td>ENGR 1304 – Engr. Graphics</td>
</tr>
<tr>
<td>MATH 2413 – Calculus I</td>
<td>MATH 2414 – Calculus II</td>
</tr>
<tr>
<td>CHEM 1409 – Gen. Chem. for Engr.</td>
<td>PHYS 2325 &amp; 2125 – University Physics &amp; Lab</td>
</tr>
<tr>
<td>ENGL 1301 – Composition I</td>
<td>SPCH 1315 – Public Speaking</td>
</tr>
<tr>
<td>PHIL 2306 – Ethics</td>
<td>HIST 1301 – U.S. History I</td>
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</tbody>
</table>

**REQUIRED STEPS**

1. Finish your degree at Blinn College
2. Complete your application and transfer to Lamar University through ApplyTexas.org

**SUMMER AT BLINN**

- GOVT 2305 – Federal Government
- GOVT 2306 – Texas Government
- MATH 2318 - Linear Algebra
- MEEN 2374 – Thermodynamics I

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**B.S. MECHANICAL ENGINEERING**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>MEEN 3340 – Engineering Analysis</td>
<td>MEEN 3311 – Fluid Mechanics</td>
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<tr>
<td>MEEN 3311 – Fluid Mechanics</td>
<td>MEEN 3380 – Thermodynamics II</td>
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<tr>
<td>MEEN 3380 – Thermodynamics II</td>
<td>MEEN 2372 – Mechanics of Solids</td>
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<tr>
<td>MEEN 2372 – Mechanics of Solids</td>
<td>INEN 2373 – Engineering Economics</td>
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**SUMMER AT BLINN**

- GOVT 2305 – Federal Government
- GOVT 2306 – Texas Government
- MATH 2318 - Linear Algebra
- MEEN 2374 – Thermodynamics I

**FALL SEMESTER**

- MEEN 3210 – Measurements Lab
- MEEN 3310 – Heat Transfer
- MEEN 3300 – Design of Mechanisms
- MEEN 3320 – Mechanical Design I
- MEEN 3350 – CAE
- HIST 1302 – U.S. History II

**SPRING SEMESTER**

- MEEN 4110 – Seminar
- MEEN 4310 – Integrated Systems Design
- MEEN 4313 – Thermal System Design
- MEEN 4319 – Materials Science
- MEEN 4323 – Mechanical Design II
- MEEN Elective
- INEN 4320/MATH 3370 – Statistics
- Creative Arts Core Elective

**I’m ready to apply. What’s next?**

You’ve made a great choice!

Follow the steps below to becoming a Cardinal.

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**HOW TO APPLY**

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**REQUIRED STEPS**

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2. Complete your application and transfer to Lamar University through ApplyTexas.org

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**PLAN A VISIT TO CAMPUS**

(409) 880-8316

plan or take a virtual tour at lamar.edu/visit

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