RECOMMENDED COURSEWORK FOR ADMISSION

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>TCCNS Number</th>
<th>TAMU Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Math I</td>
<td>4</td>
<td>MATH 2413</td>
<td>MATH 151</td>
</tr>
<tr>
<td>Engineering Math II</td>
<td>4</td>
<td>MATH 2414</td>
<td>MATH 152</td>
</tr>
<tr>
<td>Physics Mechanics</td>
<td>4</td>
<td>PHYS 2425 or 2325/2125</td>
<td>PHYS 218</td>
</tr>
<tr>
<td>Physics Electricity and Optics</td>
<td>4</td>
<td>PHYS 2426 or 2326/2126</td>
<td>PHYS 208</td>
</tr>
<tr>
<td>Chemistry for Engineers</td>
<td>4</td>
<td></td>
<td>CHEM 107/117</td>
</tr>
<tr>
<td>Composition &amp; Rhetoric</td>
<td>3</td>
<td>ENGL 1302</td>
<td>ENGL 104</td>
</tr>
</tbody>
</table>

All the above courses must be complete or in progress at the time of application. Competitive applicants will have at least all of the courses complete and have earned a grade of B or better in each of the above courses.

Students attending an institution without an equivalent to CHEM 107/117 can transfer an equivalent to Fundamentals of Chemistry II (CHEM 102/112 – CHEM 1412) to fulfill the CHEM 107/117 requirement.

Prospective students should refer to the Texas A&M Transfer Course Equivalency website for common course numbers by institution.

ADDITIONAL COURSEWORK

<table>
<thead>
<tr>
<th>Course Title</th>
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<th>TAMU Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Math III</td>
<td>3-4</td>
<td>MATH 2415</td>
<td>MATH 251</td>
</tr>
</tbody>
</table>

Courses listed should be completed with a grade of B or better.

It is recommended that applicants complete the calculus sequence to fulfill the MATH 151, 152 and 251 degree requirement. MATH 253 is an acceptable substitution for MATH 251.

Additional Transfer Requirements

- 3.25 overall GPA on 24 transferrable hours (minimum).
- Second-choice majors are not considered.

Additional Information

- Prospective transfer students can visit http://engineering.tamu.edu/apply/transfer-students for additional information.
- Degree candidates will be required to fulfill the following University Core Curriculum Requirements to graduate: American history electives, government electives, a social and behavioral science elective, and a creative arts elective. These are options for additional coursework that your institution may offer to complete.

Transfer Course Sheet Notes

1. ENGL 1301 is accepted for ENGL 104 if completed prior to Fall 2014.
2. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
3. This Transfer Course Sheet was supported in a partnership between The Office of Admissions and the Dwight Look College of Engineering at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.
Scholarship Information

Please see the Texas A&M University Scholarship and Financial Aid Website at https://scholarships.tamu.edu/

Incoming transfer students are not eligible for departmental scholarships.

Students can apply for departmental specific scholarships after their first semester at A&M using the Continuing Student Scholarship Application posted at https://scholarships.tamu.edu/CONTINUING-STUDENTS/Available-Scholarships.

International Opportunities

The College of Engineering encourages students to develop a deeper understanding of other cultures in preparation for a successful career in an increasingly diverse and global economy. Programs are offered in Brazil, China, Germany, Italy, Qatar, Spain, to name a few. Engineering students who participate in credit-bearing international experience during a semester or summer are awarded a one-time competitive scholarship. For more information, please visit the following website: http://engineering.tamu.edu/international.

Internship Opportunities

The department recommends that students participate in co-op or internship programs but does not require them for graduation. For more information about possible co-ops and internships please visit careercenter.tamu.edu/

Employment Information

Mechanical engineers work in almost every industry that employs engineers. They design machines, devices, various products and control systems, and work with the generation, conversion, transmission, and utilization of mechanical and thermal power. Assignments often include analysis and synthesis of mechanical, thermal, and fluid systems. The average starting salary for recent TAMU graduates with a B.S. in Mechanical Engineering is ~$74,000