REQUIRED 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>CHEM 107/117</td>
<td></td>
</tr>
<tr>
<td>Composition &amp; Rhetoric</td>
<td>3</td>
<td>ENGL 1302</td>
<td>ENGL 104</td>
</tr>
</tbody>
</table>

Courses listed must be completed with a grade of C or better. Competitive applicants will have a grade of “B” or better in the above coursework.

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>
<tr>
<td>Approved Communication Elective</td>
<td>3</td>
<td>ENGL 2311 or SPCH 1315</td>
<td>ENGL 210 COMM 203 or 205</td>
</tr>
</tbody>
</table>

Courses listed must be completed with a grade of C or better.

It is recommended applicants complete a calculus sequence to fulfill the MATH 151, 152 and 251 degree requirement. For example the TCCNS sequence of three 4-hour courses (MATH 2413, 2414, 2415), or for example the TCCNS sequence of four 3-hour courses (MATH 2313, 2314, 2315, 2316). It is intended that applicants should finish their calculus sequence, and not intended that applicants should mix courses between two different calculus sequences.

Additional Transfer Requirements

- GPA level of successful applicants in recent cycles has been in the 3.5 range or higher with a minimum of 24 transferrable hours.
- Second-choice majors are not considered.

Additional Information

- Prospective transfer students can visit [http://engineering.tamu.edu/apply/transfer-students](http://engineering.tamu.edu/apply/transfer-students) for additional information.
- Essays are reviewed in borderline cases. The department looks for an expressed interest in the major, and/or some indication that the student has experience in the field of Petroleum Engineering, and/or some explanation of borderline performance.
- Applicants who would like to have factors such as honorable military services considered must provide documentation.
- University Core Curriculum Requirements are also available to complete.
- There are no course substitutions for GEOL 104 which must be taken at Texas A&M.

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/

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 requires a co-op or internship for graduation. For more information about possible co-ops and internships please visit careercenter.tamu.edu/

Employment Information

For more details on starting salary and other career opportunities please visit careercenter.tamu.edu/