# Tarrant County College Transfer Plan 2016-2017
## Industrial Engineering
Updated Fall 2016

<table>
<thead>
<tr>
<th>UTA Course Name</th>
<th>UTA Course Number</th>
<th>TCC Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhetoric and Composition I</td>
<td>ENGL 1301</td>
<td>ENGL 1301</td>
</tr>
<tr>
<td>Professional and Technical Communication for Science and Engineering Majors *NOTE: Students may opt to take either the one course at UTA, or the two equivalent courses at their community college.</td>
<td>COMS 2302</td>
<td>ENGL 2311 &amp; SPCH 1321</td>
</tr>
<tr>
<td>Choose one of the following Creative Arts courses:</td>
<td>ART 1301, MUSI 1300, THEA 1342 or 1343</td>
<td>ART 1301, MUSI 1306, or DRAM 1310</td>
</tr>
<tr>
<td>Government of the United States</td>
<td>POLS 2311</td>
<td>GOVT 2305</td>
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<tr>
<td>State and Local Government</td>
<td>POLS 2312</td>
<td>GOVT 2306</td>
</tr>
<tr>
<td>Choose one of the following Language, Philosophy, or Culture Courses:</td>
<td>ANTH 2322, ARAB 2314, ARCH 2300, ART 1317, CHIN 2314, ENGL 2303, ENGL 2309, ENGL 2319, ENGL 2329, FREN 2314, GERM 2314, KORE 2314, LING 2371, PHIL 2300, PORT 2314, RUSS 2314, SPAN 2314, PHIL 1301, PHIL 1304, CLAS 1300, LATN 2314, or GREK 2314,</td>
<td>ANTH 2351, CHIN 2312, ENGL 2342, ENGL 2332, ENGL 2322, ENGL 2327, FREN 2312, GERM 2312, PHIL 1301, or SPAN 2312</td>
</tr>
<tr>
<td>University Physics I &amp; II</td>
<td>PHYS 1443 &amp; PHYS 1444</td>
<td>PHYS 2425 &amp; PHYS 2426</td>
</tr>
<tr>
<td>General Chemistry I &amp; II</td>
<td>CHEM 1441 &amp; CHEM 1442</td>
<td>CHEM 1411 &amp; CHEM 1412</td>
</tr>
<tr>
<td>Calculus with Analytical Geometry I</td>
<td>MATH 1426</td>
<td>MATH 2413</td>
</tr>
<tr>
<td>Calculus with Analytical Geometry II</td>
<td>MATH 2425</td>
<td>MATH 2414</td>
</tr>
<tr>
<td>Calculus III</td>
<td>MATH 2326</td>
<td>MATH 2415</td>
</tr>
<tr>
<td>*Economics for Engineers</td>
<td>IE 2308</td>
<td>Course taken at UTA</td>
</tr>
<tr>
<td>United States History Prior to 1876</td>
<td>HIST 1311</td>
<td>HIST 1301</td>
</tr>
<tr>
<td>United States History since 1876</td>
<td>HIST 1312</td>
<td>HIST 1302</td>
</tr>
<tr>
<td><strong>Foreign Language (8 hours; any language is accepted, including ASL)</strong></td>
<td>Levels I &amp; II in a single language</td>
<td>Levels I &amp; II in a single language</td>
</tr>
</tbody>
</table>

*Economics for Engineers is a degree requirement, and will also satisfy the Social and Behavioral Sciences core requirement.

**This requirement will be waived if the student has 2 High School Units of foreign language, or if English is not their first language.