Southwest Texas Junior College and  
The University of Texas at San Antonio  

Transfer Plan for the College of Engineering  
Bachelor of Science in Electrical Engineering  
UTSA Undergraduate Catalog 2012-2014

<table>
<thead>
<tr>
<th>UTSA Core Curriculum taken at the Community College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any courses underlined here are required by this major.</td>
</tr>
</tbody>
</table>
| Communications (010) | 6 Hours:  
| ENGL 1301 and ENGL 1302 |  
| Mathematics (020) | 4 Hours:  
| MATH 1314, MATH 1325, MATH 1332, MATH 1342, MATH 2413* |  
| Natural Sciences (030) | 7 Hours:  
| Level One  
| BIOL 1406, BIOL 1408, BIOL 2406, CHEM 1405  
| Level Two  
| BIOL 1407, BIOL 1409, CHEM 1311*, CHEM 1312, GEOL 1403, GEOL 1404, PHYS 1401, PHYS 1402, PHYS 2425* |  
| United States History and Diversity (060) | 6 Hours:  
| HIST 1301, HIST 1302, HIST 2301 |  
| Political Science (070) | 6 Hours:  
| GOVT 2301 and GOVT 2302 |  
| Social and Behavioral Science (080) | 3 Hours:  
| ANTH 2346, CRIJ 1301, CRIJ 1306, GEOG 1300, PSYC 2301, SOCI 1301, SOCI 1306 |  
| Economics (081) | 3 Hours:  
| ECON 2301, ECON 2302 |  
| Visual and Performing Arts (050) | 3 Hours:  
| ARTS 1301, ARTS 1303, ARTS 1304, ARTS 1325, MUSI 1301, MUSI 1306 OR any visual/performing arts course required for the community college’s core component 050. |  
| Literature (040) | 3 Hours:  
| ENGL 2332, ENGL 2333 OR any literature course required for the community college’s core component 040. |  
| World Society and Issues (090) | 3 Hours:  
| SPAN 2311, SPAN 2312 |  

Total Hours for the UTSA Core Curriculum completed at the community college 44

Things to do and remember at the Community College:  
- Read the Community College catalog for course descriptions and prerequisites.  
- Visit with a Community College counselor for help with course sequencing and availability as it could affect the time it takes to complete the entire degree program.  
- Remember that a maximum of 66 transferable semester credit hours from a community college can be applied to a bachelor’s degree at UTSA. (Adjustments can be made for courses with lab hours.) Developmental education, orientation, life experience, mathematics below the College Algebra level, and vocational-technical courses are not acceptable for transfer credit.  
- Visit with a UTSA Transfer Specialist or email them at Transfer@utsa.edu if you have questions about the transfer plan or UTSA admissions requirements and policies.  
- Be sure to apply for admission to UTSA at least one semester prior to intended transfer term. There are application deadlines, which are found at www.utsa.edu >Future Students>Academic Services>Admissions.
## Southwest Texas Junior College and The University of Texas at San Antonio

**Transfer Plan for the College of Engineering**

**Bachelor of Science in Electrical Engineering**

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The following courses apply to the major:

<table>
<thead>
<tr>
<th>TCCN</th>
<th>Title</th>
<th>Hours</th>
<th>UTSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 2303*</td>
<td>Engineering Mechanics-Statics and Dynamics</td>
<td>3</td>
<td>EGR 2213</td>
</tr>
<tr>
<td>MATH 2414*</td>
<td>Calculus II</td>
<td>4</td>
<td>MAT 1224</td>
</tr>
<tr>
<td>PHYS 2426</td>
<td>University Physics II</td>
<td>4</td>
<td>PHY 1923 &amp; 1931</td>
</tr>
<tr>
<td>MATH 2318*</td>
<td>Linear algebra and Differential Equations</td>
<td>3</td>
<td>EGR 2323</td>
</tr>
</tbody>
</table>

**NOTES:**

* Must be completed with a “C-” or better for acceptance into degree program at UTSA

MATH 2318 and MATH 2320 will meet the requirement for EGR 2323 Engineering Analysis I.

### Special Department Admission Requirements

Requirements for direct admission to a College of Engineering major for transfer students who have earned 30 or more hours and have been admitted to the University:

- Must have completed MAT 1214, Calculus I, or the equivalent with a grade of “C-” or better, or have met a prerequisite to take MAT 1214.
- Must have a transfer grade point average of at least 2.50 and a grade point average of at least 2.50 in all mathematics, sciences, and engineering coursework.

### Things to do and remember upon Admission to UTSA:

- Make an appointment with the academic advisor of the major once accepted to UTSA to clarify department, college and university policies and procedures, to review course sequencing and to help with identifying resources for academic success. Current listing of academic advising centers: [www.utsa.edu/advise/advisors.html](http://www.utsa.edu/advise/advisors.html).
- Refer to the official source of information on specific courses within the UTSA requirements for this degree plan from the 2012-2014 Undergraduate Catalog on page 115 of the catalog or visit the web site at [www.utsa.edu](http://www.utsa.edu).
- This degree program requires a “C-” or better on major courses.
- Read the UTSA Catalog and Information Bulletin.
- Pay close attention to course sequencing and availability at UTSA as it will affect the time it takes to complete the degree program.

**We are pleased that you intend to transfer to UTSA to complete your Bachelors degree. This transfer plan ensures that these courses will transfer to UTSA with earned grades of “D” or higher for this degree program. Please note that some majors require a grade of “C-” or better and this is stated in the UTSA catalog for the particular major.**

If you have any questions about community college courses that do not appear on this transfer plan, please contact the transfer specialist at Transfer@utsa.edu. This plan was created from the curriculum listed in the 2012-2014 UTSA Undergraduate Catalog and the community college catalog available at the time of production.

Office of Undergraduate Studies  
The University of Texas at San Antonio