

**St. Philip's College and The University of Texas at San Antonio**  
**Transfer Plan for the Bachelor of Science in Mechanical Engineering**  
**UTSA Undergraduate Catalog 2004-2006**

<b>UTSA CORE CURRICULUM TAKEN AT THE COMMUNITY COLLEGE</b>			
All courses listed below may not be offered at all community colleges. Check the specific community college's catalog/class schedule to confirm and select offerings. <b>Any courses underlined here are required by this major.</b>			
Rhetoric (010)	ENGL 1301 <b>and</b> ENGL1302	6	
Mathematics (020)	MATH 1314, MATH 1325, MATH 1332, MATH 1342, <b>MATH 2413</b>	4	
Sciences (030)	A. Choose one course from this list: ANTH 2301, ANTH 2302, BIOL 1306, BIOL 2306, CHEM 1305, GEOL 1301 B. Choose one course from the B. list <b>OR</b> two courses from the B. list and none from the A. list. BIOL 1307, PHYS 1311, PHYS 1312, <b>CHEM 1311</b> , CHEM 1312, GEOL 1303, GEOL 1304, GEOG 1301, PHYS 1301, PHYS 1302, PHYS 1310, PHYS 2425, PHYS 2426, <b>PHYS 1570</b>	A total of 8 credit hours	
U. S. History and Diversity (060)	HIST 1301, HIST 1302, HIST 2301	6	
Political Studies (070)	GOVT 2301 <b>and</b> 2302 <b>OR</b> GOVT 2305 <b>and</b> GOVT 2306	6	
Social and Behavioral Sciences (080)	ANTH 2346, CRIJ 1301, CRIJ 1306, GEOG 1300, GEOG 1302, PSYC 2301, PSYC 2340, SOCI 1301, SOCI 1306, SOCI 2319, SOCI 2320	3	
Economics (081)	ECON 1301, ECON 2301, <b>ECON 2302</b>	3	
The Arts (050)	ARCH 1301, ARCH 1302, ARTS 1301, ARTS 1303, ARTS 1304, ARTS 1325, MUSI 1306, SPAN 2324 <b>OR</b> any visual/performing arts course <u>required</u> for the community college's core component 050.	3	
Literature (040)	ENGL 2331, ENGL 2332, ENGL 2333 <b>OR</b> any literature course <u>required</u> for the community college's core component 040.	3	
World Society and Issues (090)	ANTH 2351, ARCH 1305, ARCH 1311, COMM 1307, COSC 1300, FREN 2311, FREN 2312, GEOG 1303, GERM 2311, GERM 2312, HIST 2331, HIST 2312, HIST 2321, HIST 2322, HIST 2323, HUMA 1302, HUMA 2319, HUMA 2323, ITAL 1411, JAPN 1411, LATI 2311, LATI 2322, MUSI 1306, PHED 1346, PHIL 1304, PHIL 2306, RUSS 1411, SGNL 2302, SPAN 2311, SPAN 2312, SPAN 2316, SPAN 2324	3	
<b>Total Hours for the UTSA Core Curriculum completed at the community college</b>		<b>45</b>	
Each community college has <b>its own</b> core curriculum that varies from the UTSA core curriculum. If students have completed the <b>community college core curriculum</b> prior to transferring to UTSA, <b>then the</b> core curriculum at UTSA will be considered complete by Texas law and no further core curriculum courses will be required.			
<b>COURSES AT THE COMMUNITY COLLEGE APPLIED TO THE MAJOR</b>			
MATH	2414	Calculus II	4
PHYS	2570	Electricity and Magnetism	5
MATH	2318	Linear Algebra	3
MATH	2320	Differential Equations	3
<b>TOTAL HOURS FOR THE MAJOR/SUPPORT/ELECTIVES</b>			<b>15</b>
<b>TOTAL HOURS COMPLETED AT THE COMMUNITY COLLEGE</b>			<b>60</b>

### *Notes for the Community College Student*

- Read the Community College catalog for course descriptions and prerequisites.
- Visit with a Community College counselor for help with course sequencing.
- 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.)
- Pay close attention to course sequencing and availability at the community college, as it will affect the time it takes to complete the entire degree program.
- 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](http://www.utsa.edu) >Future Students>Academic Services>Admissions.

**More info on page two about UTSA!**

**St. Philip's College and The University of Texas at San Antonio**  
 Transfer Plan for the Bachelor of Science in Mechanical Engineering  
 UTSA Undergraduate Catalog 2004-2006

<b>AFTER TRANSFERRING TO UTSA, STUDENTS WILL COMPLETE THESE HOURS:</b>	
General Engineering Requirements	3
Foundation and General Mechanical Engineering Coursework	31
Energy Stem of Required Coursework	14
Structures and Motions Stem of Required Coursework	17
Technical Electives	9
<b>TOTAL HOURS AT UTSA</b>	<b>74</b>
<b>TOTAL HOURS TRANSFERRED FROM COMMUNITY COLLEGE</b>	<b>60</b>
<b>TOTAL HOURS FOR THE DEGREE</b>	<b>134</b>

## *Notes for the Student at UTSA*

- Pay close attention to course sequencing and availability at UTSA as it will affect the time it takes to complete the degree program.
- Visit with an advisor of the major for course sequencing and/or help with resources for academic success, and clarification of college policies and procedures. View the advising directory for current listings at [www.utsa.edu/advise/advisors.htm](http://www.utsa.edu/advise/advisors.htm)
- Remember that developmental education, orientation, life experience, mathematics below the College Algebra level, and vocational-technical courses are not acceptable for transfer credit in this program at UTSA.
- Refer to the official source of information on specific courses within the UTSA requirements for this degree plan from the *2004–2006 Undergraduate Catalog*. See page 201 of the catalog or visit the Web site at [www.utsa.edu](http://www.utsa.edu).
- All engineering, science, mathematics, and prerequisite courses must be completed with a grade of “C” or better.
- Both MATH 2318 and MATH 2320 must be completed for equivalent material of EGR 2323 (3 hrs) at UTSA.
- Be sure to visit the College of Engineering Undergraduate Advising Center, SB 1.01.04 F. Phone (210) 458-5525.

*We are pleased that you intend to transfer to UTSA to complete your 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 us at [Transfer@utsa.edu](mailto:Transfer@utsa.edu). This plan was created from the curriculum listed in the 2004–2006 UTSA Undergraduate Catalog and the community college catalog available at the time of production.*

*We look forward to seeing you at UTSA!*

*Office of Academic Support and Undergraduate Studies  
 University of Texas at San Antonio*

**COME HERE, GO FAR!**