

**Austin Community College and The University of Texas at San Antonio**  
**Transfer Plan for the Bachelor of Science in Mechanical Engineering**  
**UTSA Undergraduate Catalog 2006-2008**

<b>UTSA CORE CURRICULUM TAKEN AT THE COMMUNITY COLLEGE</b>			
<b>Any courses underlined here are required by this major.</b>			
Communications (010)	ENGL 1301 <u>and</u> ENGL 1302	6	
Mathematics (020)	<u><b>MATH 2413</b></u> , MATH 1314, MATH 1425, MATH 1332, MATH 1342	4	
Natural Sciences (030)	<i>Level One</i> ANTH 2301, ANTH 2302, BIOL 1408, BIOL 1411, BIOL 2306, CHEM 1405 <i>Choose two courses from the following lists. At least one course must be chosen from Level Two.</i> <i>Level Two</i> <u><b>PHYS 2425, CHEM 1411</b></u> , BIOL 1409, BIOL 1413, PHYS 1311, PHYS 1312, CHEM 1412, GEOL 1403, GEOL 1404, GEOG 1301, PHYS 1401, PHYS 1402, PHYS 2426	8 credit hours minimum	
United States History and Diversity (060)	HIST 1301, HIST 1302, HIST 2301	6	
Political Science (070)	GOVT 2305 <u>and</u> GOVT 2306	6	
Social and Behavioral Science (080)	CRIJ 1301, CRIJ 1306, GEOG 1302, PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2319	3	
Economics (081)	ECON 2301, ECON 2302	3	
Visual and Performing Arts (050)	ARTS 1301, ARTS 1303, ARTS 1304, MUSI 1301, MUSI 1306 <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 2342, ENGL 2343 <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, COMM 1307, COSC 1300, FREN 2311, FREN 2312, GEOG 1303, GERM 2311, GERM 2312, HIST 2312, JAPN 1511, LATI 2311, LATI 2312, MUSI 1306, PHIL 1304, PHIL 2306, RUSS 1511, SPAN 2311, SPAN 2312	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
MATH	2415	Calculus III	4
PHYS	2426	Engineering Physics II	4
ENGR	2301	Vector Mechanics – Statics	3
ENGR	2302	Vector Mechanics – Dynamics	3
MATH	2318	Linear Algebra	3
MATH	2420	Differential Equations	4
<b>TOTAL HOURS FOR THE MAJOR/SUPPORT/ELECTIVES</b>			<b>25</b>
<b>TOTAL HOURS COMPLETED AT THE COMMUNITY COLLEGE</b>			<b>70<sup>†</sup></b>

(†) Course credit is adjusted to fit the 66-credit maximum.

### 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!**

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## Notes for the Student Admitted to 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 2006–2008 Undergraduate Catalog at <https://asap.utsa.edu/>
- Both MATH 2318 and MATH 2420 must be complete for equivalent material of EGR 2323 (3 hrs) at UTSA.
- All engineering, science, mathematics, and prerequisite courses must be completed with a grade of “C” or better.

*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 [Getinfo@utsa.edu](mailto:Getinfo@utsa.edu). This plan was created from the curriculum listed in the 2006–2008 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!**