

**Alamo Colleges and  
The University of Texas at San Antonio**  
**Transfer Plan for the College of Engineering**  
**Bachelor of Science in Mechanical Engineering**  
**UTSA Undergraduate Catalog 2016-2017**

<b>UTSA Core Curriculum taken at the Community College</b> <b>Any courses underlined here are required or recommended for this major.</b>	
<b>Communication (010)</b>	<b>6 Hours:</b> ENGL 1301, ENGL 1302
<b>Mathematics (020)</b>	<b>3 Hours:</b> MATH 1314, MATH 1325, MATH 1332, MATH 1442, MATH 2412, <b><u>MATH 2413*</u></b>
<b>Life and Physical Sciences (030)</b> <i>Choose any two from this list</i>	<b>6 Hours:</b> ANTH 2301, ASTR 1303, ASTR 1304, BIOL 1308, BIOL 1309, BIOL 1406, BIOL 1407, BIOL 1411, BIOL 1413, CHEM 1311, ENVR 1302, GEOL 1301, GEOL 1304, GEOL 1305, GEOG 1301, <b><u>PHYS 2425*</u></b> , <b><u>PHYS 2426*</u></b>
<b>Language, Philosophy, and Culture (040)</b>	<b>3 Hours:</b> ARAB 1411, ARCH 1311, CHIN 1411, ENGL 2332, ENGL 2333, ENGL 2341, FREN 1411, GERM 1411, GEOG 1303, HIST 2321, HIST 2322, HUMA 1304, HUMA 2323, JAPN 1411, PHIL 1304, PHIL 2303, PHIL 2316, PHIL 2317, PHIL 2306, SPAN 1411
<b>Creative Arts (050)</b>	<b>3 Hours:</b> ARTS 1303, ARTS 1304, ARTS 1301, ARTS 1325, ARCH 1303, DANC 2303, HUMA 1301, HUMA 1302, HUMA 1311, HUMA 1315, MUSI 1310, MUSI 1306
<b>American History (060)</b> <i>Choose any two from this list</i>	<b>6 Hours:</b> HIST 1301, HIST 1302, HIST 2301
<b>Government - Political Science (070)</b>	<b>6 Hours:</b> GOVT 2305, GOVT 2306
<b>Social and Behavioral Sciences (080)</b>	<b>3 Hours:</b> ANTH 2302, ANTH 2346, ANTH 2351, CRIJ 1301, ECON 1301, ECON 2301, ECON 2302, GEOG 1302, KINE 1304, KINE 1346, PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2340
<b>Component Area Option (090)</b> <i>AIS 1203 and one from this list or any other course listed above</i>  <i>If fulfilling this requirement at the community college, both courses can be taken from the bottom list or two other courses listed above.</i>	<b>3 Hours:</b> AIS 1203 (Academic Inquiry and Scholarship) is not offered at Alamo Colleges.  <b>3 Hours:</b> EGR 1403 (Technical Communication) is not offered at Alamo Colleges.
<b>Total Hours for the UTSA Core Curriculum completed at the community college      45</b>	

**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](mailto: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](http://www.utsa.edu) >Future Students>Academic Services>Admissions.

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The following courses apply to the major:

<u>TCCN</u>	<u>Title</u>	<u>Hours</u>	<u>UTSA</u>
ENGR 2301*	Mechanics I: Statics	3	EGR 2103
ENGR 2302*	Mechanics II: Dynamics	3	EGR 2513
ENGR 2305*	Electrical Circuits I	3	EE 2213
MATH 2421*	Differential Equations and Linear Algebra	4	EGR 2323
ENGR 1304*	Engineering Graphics I	3	ME 1403
MATH 2414*	Calculus II	4	MAT 1224

**NOTES:**

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

**Special Department Admission Requirements**

**Transfer Students:** The following are the transfer requirements for direct admission to the Mechanical Engineering (ME) major, for transfer students who have earned 30 or more credit:

- Completed MAT 1214 Calculus I, or the equivalent with a grade of "C-" or better.
- Meet GPA requirements:
  1. 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, or
  2. Have a transfer grade point average of at least 2.25 and a grade point average of at least 2.25 in all mathematics, sciences, and engineering coursework, and be granted admission to the College of Engineering major by holistic review by the College.

Transfer students not admitted directly into the College of Engineering will be changed to Undeclared (UND) and must choose another major outside of engineering.

**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. A current listing of academic advising centers can be found at the following link: [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 2016-2017 Undergraduate Catalog or visit the web site at [www.utsa.edu](http://www.utsa.edu).
- Information on Gateway Courses can be found here: <http://www.utsa.edu/registrar/students/gateway.html>.
- This degree program requires a "C-" or better on major courses.
- Read the UTSA Undergraduate Catalog and Student 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](mailto:Transfer@utsa.edu) . This plan was created from the curriculum listed in the 2016-2017 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*