



SAN JACINTO COLLEGE, CENTRAL (WITH VOLUNTARY
COURSE TRANSFER AGREEMENT) --
TEXAS STATE UNIVERSITY-SAN MARCOS

TRANSFER PLANNING GUIDE
2010-2012 CATALOG



Bachelor of Science, Major in Industrial Engineering
Minimum required: 135 semester hours

SAN JACINTO COLLEGE, CENTRAL COURSE OF STUDY

Freshman Year-1 st Semester	Hours	Freshman Year-2 nd Semester	Hours
___ ENGL 1301 (ENG 1310) ⁴	3	___ PHYS 2325 (PHYS 1430 class) ⁵	3
___ MATH 2413 (MATH 2471) ⁵	4	___ PHYS 2125 (PHYS 1430 lab) ⁵	1
___ CHEM 1311 (CHEM 1341) ⁴	3	___ MATH 2414 (MATH 2472) ⁵	4
___ CHEM 1111 (CHEM 1141) ⁴	1	___ ENGL 1302 (ENG 1320) ⁴	3
___ HIST 1301 (HIST1310) ⁴	3	___ HIST 1302 (HIST 1320) ⁴	3
___ ENGR 1304 (ENGR 1313) ⁵	3		
Total	17	Total	14
Freshman Year Summer Semester I	Hours	Freshman Year Summer Semester II	Hours
___ ECON 2301 or 2302 (INSTEAD OF ECO 2301) ⁵	3	___ ENGR 2308 (ENGR 3315) ⁵	3
___ KINE or ACT (PFW)	1	___ KINE or ACT (PFW)	1
Total	4	Total	4
Sophomore Year 1 st Semester	Hours	Sophomore Year 2 nd Semester	Hours
___ PHYS 2326 (PHYS 2425 class) ⁵	3	___ GOVT 2302 or 2305 (POSI 2320) ⁴	3
___ PHYS 2126 (PHYS 2425 lab) ⁵	1	___ SPCH 1311 (COMM 1310) ⁴	3
___ ENGR 2305 (ENGR 3373) ⁵	3	___ PHIL 1301 or 2306 (PHIL 1305 or 1320) ⁴	3
___ ENGR 2105 (ENGR 3373) ⁵	1	___ Vis. and Perf. Arts ²	3
___ ENGL Literature ^{1,4}	3	___ ENGR 2301 (MATH 3375) ⁵	3
___ GOVT 2301 or 2306 (POSI 2310) ⁴	3		
Total	14	Total	15

TEXAS STATE COURSE OF STUDY

Sophomore Year Summer Semester I	Hours	Sophomore Year Summer Semester II	Hours
___ MATH 3377	3	___ CS 1428	4
Total	3	Total	4
Junior Year 1 st Semester	Hours	Junior Year 2 nd Semester	Hours
___ IE 3320	3	___ IE 3340	3
___ ENGR 3311	3	___ IE 3330	3
___ MATH 3323	3	___ IE 4355	3
___ ENGR 2300	3	___ IE 3310	3
___ IE 4380	3	___ MFGE 2332	3
Total	15	Total	15
Senior Year 1 st Semester	Hours	Senior Year 2 nd Semester	Hours
___ IE 4370	3	___ IE 4320	3
___ IE 4310	3	___ IE 4350	3
___ IE 3360	3	___ IE 4390	3
___ MFGE 4396	3	___ IE 4360	3
___ IE Technical Elective ³	3	___ IE Technical Elective ³	3
Total	15	Total	15

NOTES:

¹ Choose 1 course from San Jacinto College, Central's General Education Core Curriculum Humanities Requirement (core coded 040).

² Choose 1 course from San Jacinto College, Central's General Education Core Curriculum Visual and Performing Arts Requirement (core coded 050).

³ Please choose from: IE 4330, IE 4340, MFGE 4367, MFGE 4392, MFGE 4395, or IE 4399.

⁴ **Texas Common Course Numbering System.**

⁵ **Voluntary Course Transfer Agreement. If the courses in the Freshman and Sophomore years are not available at San Jacinto College, Central, students will be required to take the equivalency noted in the parentheses at Texas State or another institution.**

⁶ Courses in (parentheses) indicate the course transfer equivalents at Texas State.

⁷ Texas State will apply to a degree up to 66 hours from an accredited two-year college (6-8 hours may be added with college dean approval – for this TPG the Texas State Dean approves up to 68 hours).

⁸ Students may elect to complete courses in a different sequence where possible, but should consult a counselor/advisor before doing so.

⁹ If two years of the same foreign language were not completed in high school, students must take 6-8 hours of the same foreign language.

TEXAS STATE UNIVERSITY-SAN MARCOS
UNIVERSITY ADMISSION:

1. Submit ApplyTexas Admission Application online (www.ApplyTexas.org), application fee, and all credentials to the Texas State Office of Undergraduate Admissions by the stated deadline: www.admissions.txstate.edu/future/transfer/deadlines.html
2. Submit an official transcript from each institution attended to the Office of Undergraduate Admissions. Students must be eligible to return (e.g., free of suspension, dismissal, or enforced withdrawal) to all previous institutions regardless of grade point average (GPA) or degrees received.
3. A minimum 2.25 grade point average (GPA) in all transferable courses is required. In computing the GPA, grades of A, B, C, D, and F are computed as recorded. Grades of W, P, Q, and X are disregarded and grades of WF and I are averaged as F. Grades in non-transferable and technical/vocational courses are disregarded.

PROGRAM ADMISSION:

In order to declare Industrial Engineering as a major, students must meet one of the following prerequisites: ACT Math score of 24 or higher, SAT Math score of 520 (re-centered) or higher, or credit for one of the following math courses with a grade of “C” or higher: MATH 1315, 1317, 1319, or 1329. Students who do not meet the above prerequisites may choose Pre-Industrial Engineering as their major. Pre-Industrial Engineering students who complete one of the following math courses with a grade of “C” or higher may declare Industrial Engineering as their major: MATH 1315, 1317, 1319, or 1329.

Send official paperwork to:

Texas State University-San Marcos
Office of Undergraduate Admissions
429 N. Guadalupe
San Marcos, Texas 78666
512/245-2364
www.admissions.txstate.edu/

Students transferring directly to Texas State University-San Marcos from a community college may elect to follow the Texas State catalog in effect at the time they entered the community college, or any subsequent catalog upon approval of the Dean of their College. Students are reminded to refer to their designated catalog for information relating to the University, College, and/or Departmental requirements for curriculum, graduation, probation/suspension, and other general information.

College of Science and Engineering
Academic Advising Center
Centennial Hall 202
Texas State University-San Marcos
San Marcos, Texas 78666
512/245-1315
<http://www.cose.txstate.edu/advising>

Texas State reserves the right to withdraw courses at any time, to change its fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled.