

FSU

ASPIRE TSC2FSU

College of Engineering Industrial Engineering (BS)



Admission Information

❖ Specialized Admissions – No

❖ Minimum GPA = 2.00 overall

❖ Limited Enrollment - No

❖ Test Required – No

❖ Separate Major Application
Required – No

❖ Admits every semester

**** This is a recommended sequence of courses for general advisement purposes only.
Students are encouraged to meet with their academic advisor****

Required Pre-Requisite Courses

(C minus or higher required in each course)

FSU COURSES

MAC1105 College Algebra
 MAC1140 Pre-Calculus
 MAC1114 Trigonometry
 MAC2311 Calculus I
 COP3014 Programming I (strongly recommended)
 CHM1045 General Chemistry I + Lab (strongly recommended)

TSC COURSE EQUIVALENT

MAC1105
 MAC1140
 MAC1114
 MAC2311
 COP2221*
 CHM1045/L

***COP2220 at TCC is a required prerequisite to COP2221**

Only one repeated attempt out of all pre-engineering courses is permitted.

YEAR 1 TSC

FALL		SPRING	
ENC1101	(3)	ENC 1102	(3)
MAC1105	(3)	MAC1140	(3)
State Core Soc Sci, Area A, Group 1	(3)	CHM1045 + CHM1045 Lab (NSLab)*	(4)
A.A. Elective	(3)	State Core Humanities, Area A: THE2000 recommended (Div)*	(3)
A.A. Elective: SLS1510 or SLS2261 recommended	(3)	A.A. Elective	(3)
Total: 15		Total: 16	

YEAR 2 TSC

FALL		SPRING	
MAC1114	(3)	MAC2311	(5)
Humanities, Area B	(3)	Social Science, Area B	(3)
State Core Soc Sci, Area A, Group 2 (Civ Lit)*	(3)	COP2221	(3)
Natural Science, Area B	(3)	SPC2608	(3)
COP2220	(3)		
Total: 15		Total: 14	

***FSU Graduation Requirement:** *NSLab* = Natural Science Lab, *Div* = Diversity, *Civ Lit* = Civic Literacy

Total Credits: 60

Transfer to the University Information

Please Note: Face-to-face/in-person instruction of this program is available ONLY at the main campus in Tallahassee, FL. This program is NOT available via Online/Distance Learning.

Website: <https://admissions.fsu.edu/transfer/>

Email: admissions@fsu.edu

Phone: (850) 644-6200

Address: Florida State University
Office of Admissions
A2500 University Center
282 Champions Way
Tallahassee FL 32306-2400

Major Information (CIP: 14.3501)

FAMU/FSU College of Engineering: <https://www.eng.famu.fsu.edu/>

Admission to major: <https://www.eng.famu.fsu.edu/cbe/undergraduate-admissions>

Email: eburgess@eng.famu.fsu.edu

Employment Information

FSU Career Center: <https://www.career.fsu.edu/>

Representative Job Titles Related to this Major: Industrial Engineer, Manufacturing Engineer, Production Engineer, Systems Engineer, Applications Engineer, and Systems Analyst

Representative Employers: Government, Private Business, Industry, Education. The following illustrates some of the jobs Industrial Engineers perform: Design and installation of a semiconductor manufacturing systems; Creation of more productive work flow within major hospital; Design of instrument display and interior space for commercial aircraft; Scheduling and routing of public transportation system; Determination of airline routes; Design of waiting lines at Disneyland/Disney world; Facilities layout at auto assembly plant; Improvement of product quality; Computer applications in manufacturing.