Industrial Engineering
College of Engineering
ieundergradadvising@tamu.edu
engineering.tamu.edu/industrial

2018-2019 Transfer Course Sheet
Minimum GPA | 3.0
Minimum Transferable Hours | 24
Second-Choice Major Eligible | YES

Required Coursework for Admission Consideration

Course Name	Hrs.	TCCNS	TAMU
Engineering Math I	4	MATH 2413	MATH 151
Engineering Math II	4	MATH 2414	MATH 152
Physics for Engineers I	**3**	**PHYS 2425 or 2325**	**PHYS 206 (See Note)**

The College of Engineering has updated degree requirements for courses in Physics

PHYS 2425 (4 Hours) *or* 2325+2125 (4 Hours) = PHYS 218 (4 Hours) ***Effective for students entering the College of Engineering IN OR BEFORE Spring 2018***
PHYS 2425 (4 Hours) *or* PHYS 2325 (3 Hours) = PHYS 206 (3 Hours) ***Effective for students entering the College of Engineering AFTER Spring 2018***

PHYS 2426 (4 Hours) *or* 2326+2126 (4 Hours) = PHYS 208 (4 Hours)***Effective for students entering the College of Engineering IN OR BEFORE Spring 2018***
PHYS 2426 (4 Hours) *or* PHYS 2326 (3 Hours) = PHYS 207 (3 Hours) **** Effective for students entering the College of Engineering AFTER Spring 2018***

Transfer applicants admitted to Texas A&M Engineering with credit for PHYS 2425 (2325/2125) and PHYS 2426 (2326/2126) will only receive 6 credit hours towards their Engineering bachelor's degree if entering AFTER Spring 2018. For additional information regarding this degree update, please contact the advisor list above.

- Courses listed should be completed with a grade of B or better.
- Students may have to complete Trigonometry and Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
- Trigonometry and Pre-Calculus are transferable courses but **will not** satisfy the Mathematics requirements in this degree plan.
- Students may have to complete College Algebra (MATH 1314) at their institution before taking MATH 1324 or 1325.
- College Algebra is a transferable course but **will not** satisfy the Mathematics requirements in this degree plan.

The recommendations below represent what a TAMU student's schedule may look like during the first four semesters minus the TAMU College of Engineering courses. If working to complete an Associate's Degree before transferring, work with your current academic advisor to try and align your degree plan with TAMU degree requirements to the extent possible.

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
PHYS 2425 (2325)	PHYS 206	Physics for Engineers I*	3
MATH 2413	MATH 151	Engineering Math I	4
ENGL 1302	ENGL 104	Composition and Rhetoric*	3
GOVT 2305	POLS 206	American National Government	3
		Total	**13**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1312/1112	CHEM 107/117 or CHEM 102/112	Chemistry for Engineering	4
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2426 (2326)	PHYS 208	Physics for Engineers II**	4
GOVT 2306	POLS 207	State & Local Government	3
		Total	**14**

*Either ENGL 1301 or ENGL 1302 will fulfill three of the six required credit hours of Communication requirements
**You may take the four credit version of PHYS but only three credits will be applied.

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 251	Calculus III	3
ENGL 2311	ENGL 210	Technical and Business Writing	3
HIST 1301	HIST 105	History of the U.S.	3
COSC 1420	CSCE 206	Structured Programming in C	4
		Total	**13**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2418	MATH 304	Linear Algebra	3
HIST 1302	HIST 106	History of the U.S.	3
	core.tamu.edu	Creative Arts	3
	core.tamu.edu	Social & Behavioral Sciences	3
		Total	**12**

- Consider taking courses that fulfill the 6 hours of International and Cultural Diversity requirement when completing the Social and Behavioral Sciences, free electives and Creative Arts requirements.

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Coursework Timeline

- Competitive applicants will have the Required coursework completed by the application deadline.
- Applicants to the summer/fall term **may be** asked to submit spring final grades, this is not a guarantee.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term should have the Required coursework completed by the end of Summer II semester before applying.

Additional Transfer Requirements

- The Department of Industrial and Systems Engineering is looking for students who are interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be admitted.
- The essay and supporting materials should reflect that the student is interested in pursuing our degree. Use the space provided in the essay to inform the admissions committee about any discrepancies in transcript (withdrawals, repeated coursework, change of major).
- Meeting minimum requirements **does not** guarantee admission. The entire record is reviewed for consistency in coursework and grades.
- It is recommended for interested students to communicate with an Industrial Engineering advisor prior to applying for admissions.

Additional Information

- Applicants should be serious about earning a degree in Industrial Engineering.
- Transfer applicants are instructed **NOT** to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.

Transfer Course Sheet Notes

1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete University Core Curriculum coursework found in the Undergraduate Catalog unless specified above.
3. This Transfer Course Sheet was supported in a partnership between the Office of Admissions and the College of Engineering at Texas A&M University with the 2018-2019 Undergraduate Catalog having the most extant and definitive information.