



Electronic Systems Engineering Technology
 College of Engineering
 Engineering Technology & Industrial Distribution
ETID-advising@tamu.edu | 979-845-4951
engineering.tamu.edu/etid/advising

2024-2025 Transfer Course Sheet
 Minimum GPA | 2.5
 Minimum Transferable Hours | 24
 Second-Choice Major Eligible | YES

Required Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Engineering Math I	4	MATH 2413	MATH 151
Engineering Math II	4	MATH 2414	MATH 152
Chemistry for Engineers	4	CHEM 1409 or 1412*	CHEM 107/117 or 120
Physics for Engineers	3	PHYS 2425 or 2325	PHYS 206

This transfer course sheet is applicable for applicants applying between August 1st, 2024 and October 15th, 2025.

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.

- Courses listed must be completed with a grade of C or better.
- Students may have to complete College Algebra (MATH 1314) or Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
- College Algebra and Trigonometry and Pre-Calculus are transferable courses but **will not** satisfy the Mathematics requirements in this degree plan.
- *Students attending an institution without an equivalent to CHEM 107/117 can transfer an equivalent to Fundamentals of Chemistry II (CHEM 120-CHEM 1412) to meet the CHEM 107/117 requirement.

The recommendations below represent what a typical TAMU student's schedule looks like during the first four semesters. If working to complete an Associate's Degree before transferring, please align your degree plan to satisfy TAMU degree requirements. You may not have to complete the coursework in the sequence below but this major recommends specific coursework to be completed.

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1409	CHEM 107/117	Chemistry for Engineers	4
	core.tamu.edu	American History	3
MATH 2413	MATH 151	Engineering Math I	4
ENGL 1301 or 1302	ENGL 103 or 104	Composition & Rhetoric*	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	core.tamu.edu	Language, Philosophy & Culture	3
	icd.tamu.edu	Social & Behavioral Sciences	3
MATH 2414	MATH 152	Engineering Math II	4
PHYS 2425 or 2325/2125	PHYS 206	Physics for Engineers I	4
Total			13

*Either ENGL 1301 or ENGL 1302 will fulfill three of the six required credit hours of Communication requirements

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
SPCH 1315 or ENGL 2311	COMM 203 or ENGL 210	Public Speaking or Technical Writing	3
	icd.tamu.edu	Creative Arts	3
GOVT 2305	POLS 206	American National Government	3
PHYS 2426 or 2326/2126	PHYS 207	Physics for Engineers II	4
Total			13

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	core.tamu.edu	American History	3
		Math Elective*	3
GOVT 2306	POLS 207	State & Local Government	3
Total			9

- Consider taking courses that fulfill the 3 hours of [International and Cultural Diversity requirement](#) when completing the Social and Behavioral Sciences and Creative Arts requirements.
- *Math elective choices include: Calculus III (MATH 251/253), Linear Algebra (MATH 304), or Differential Equations (MATH 308)



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Coursework Timeline

- Competitive applicants will have the recommended 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 by admissions for summer/fall applicants.
- Fall coursework **will not** be considered by admissions for spring applicants.
- Applicants to the spring term should have the recommended coursework completed by the end of Summer II semester before applying.

Additional Transfer Requirements

- Meeting minimum requirements **does not** guarantee admission. The entire record is reviewed for consistency in coursework and grades.
- Transfer applicants should have completed at least 2 full semester course loads of a total of 24 transferable hours (minimum) after graduating from high school.

Additional Information

- Applicants should be serious about earning a degree in Electronic Systems Engineering Technology.
- 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.
- The department may consider in-progress coursework if it is listed on the student's application.
- Students are encouraged to complete or in progress of completing a computer programming course. Any language is acceptable: however, (in order of preference) Python, Matlab, and C++ are the preferred languages.

Career & Educational Opportunities

The Electronic Systems Engineering Technology (ESET) program provides an emphasis in electronics, communication, embedded systems, testing, instrumentation and control systems, performs applied research for educational, government, and industrial entities in the state and nation, and conducts professional development and other activities to meet the needs of the private and public sectors. The program combines engineering and industrial knowledge and methods to develop, design, and implement new innovative products. Electronic Systems Engineering Technology graduates find challenging careers in the application engineering, test engineering, network analyst, system engineering, software developer and, engineering project management positions at high-tech companies. For more information please visit careercenter.tamu.edu.

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 Undergraduate Catalog having the most extant and definitive information.