



Computer Engineering
 College of Engineering
computer-engineering@tamu.edu
engineering.tamu.edu/ce

2021-2022 Transfer Course Sheet
 Minimum GPA | 3.5
 Minimum Transferable Hours | 24
 Maximum Transferable Hours | 64
 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
Physics for Engineers I	3	PHYS 2425 or 2325	PHYS 206
Physics for Engineers II	3	PHYS 2426 or 2326	PHYS 207

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 above 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.
- College Algebra is a transferable course, but **will not** satisfy the Mathematics requirements in this degree plan.

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 requires specific coursework to be completed.

First Year

FALL SEMESTER				SPRING SEMESTER			
TCCNS	TAMU	Course Name	Hrs.	TCCNS	TAMU	Course Name	Hrs.
	core.tamu.edu	American History	3	PHYS 2425 (2325)	PHYS 206	Physics for Engineers I ²	3
CHEM 1411 (1311/1111) Or CHEM 1409	CHEM 119 Or CHEM 107/117	Chemistry I Or Chemistry for Engineering	4	CHEM 1412 (1312/1112)	CHEM 120	Chemistry II ³	4
MATH 2413	MATH 151	Engineering Math I	4	MATH 2414	MATH 152	Engineering Math II	4
ENGL 1301 or ENGL 1302	ENGL 103 or ENGL 104	Composition & Rhetoric ¹	3		core.tamu.edu	American History	3
Total			14	Total			14

Second Year

FALL SEMESTER				SPRING SEMESTER			
TCCNS	TAMU	Course Name	Hrs.	TCCNS	TAMU	Course Name	Hrs.
MATH 2415	MATH 253	Engineering Math III ⁴	3		MATH 308	Differential Equations ⁶	3
PHYS 2426 (2326)	PHYS 207	Physics for Engineers II ⁵	3	ENGL 2311 or SPCH 2335	ENGL 210 or COMM 243	Communication Elective	3
	core.tamu.edu	Creative Arts ⁶	3		core.tamu.edu	Social and Behavioral Science ⁷	3
GOVT 2305	POLS 206	American Government	3	GOVT 2306	POLS 207	State & Local Government	3
Total			12	Total			12

Notes:

1. Either ENGL 1301 or ENGL 1302 will fulfill three of the six required credit hours of Communication requirements.
2. You may take the four-credit version of PHYS but only three credits will be applied.
3. Students that take CHEM 107/117 (CHEM 1409) do not need to take CHEM 119 and CHEM 120.



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- MATH 253 is an acceptable substitution for MATH 251. It is recommended that applicants complete the calculus sequence to fulfill the MATH 151, 152, and 251 degree requirements.
- You may take the four-credit version of PHYS but only three credits will be applied.
- Consult with the CE advising office on approved transfer course (computer-engineering@tamu.edu).
- Consider taking courses that fulfill the 3 hours of [International and Cultural Diversity requirement](#) when completing the Social and Behavioral Sciences and/or Creative Arts requirements.

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 for summer/fall applicants.
- Fall coursework **will not** be considered 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

- Transfer applicants should have completed a full semester (spring or fall) course load of 12 transferable hours (minimum) after graduating from high school.
- The program is looking for students who are interested in pursuing our degree as a focus. Students should indicate computer engineering 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.
- Meeting minimum requirements does not guarantee admission. The entire record is reviewed for consistency in coursework and grades.

Additional Information

- Applicants are advised to keep copies of the syllabi for the specific section of classes to be transferred in case they are needed to document equivalence to Texas A&M University classes.
- Applicants should be serious about earning a degree in Computer 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.
- Applicants should be aware that time to graduation may still require 2 or more years from the initial semester at Texas A&M University

Career & Educational Opportunities

Students in computer engineering receive a balanced view of hardware, software, hardware-software tradeoffs, analysis, design and implementation techniques. Computer engineers apply their knowledge to the design of digital circuits and software in various areas, including cell phones, computers, computer networks, computer vision, pattern recognition and embedded systems. This interdisciplinary program approaches both computer hardware and software from an engineering perspective. For more information please visit careercenter.tamu.edu.

Transfer Course Sheet Notes

- Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
- Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#) unless specified above.
- 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.