



## Mechanical Engineering

Engineering | Mechanical Engineering

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### REQUIRED COURSEWORK FOR ADMISSION

Course Title	Credits	TCCNS Number	TAMU Course Number
Engineering Math I	4	MATH 2413	MATH 151
Engineering Math II	4	MATH 2414	MATH 152
Physics - Mechanics	4	PHYS 2425 or 2325/2125	PHYS 218
Physics - Electricity and Optics*	4	PHYS 2426 or 2326/2126	PHYS 208
Chemistry for Engineers and Lab**			CHEM 107/117
Composition and Rhetoric	4	ENGL 1302	ENGL 104

All Required Coursework listed above must be complete or in progress at time of application.

Competitive applicants will have at least all of the Required Coursework completed and have earned a grade of 'B' or better in each of the above courses.

\*PHYS 208 must be complete or in progress at the time of application.

\*\*Students attending an institution without an equivalent to CHEM 107/117 can transfer an equivalent to Fundamentals of Chemistry II (CHEM 102/112 – CHEM 1412) to fulfill the CHEM 107/117 requirement.

Prospective students should refer to the [Texas A&M Transfer Course Equivalency website](http://www.tamutransfer.com) for common course numbers by institution.

### ADDITIONAL COURSEWORK TO COMPLETE

Course Title	Credits	TCCNS Number	TAMU Course Number
Engineering Math III***	3-4	MATH 2415	MATH 251

\*\*\*Engineering Math III should be completed with a grade of 'B' or better. 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 requirement.

### Transfer Course Sheet Notes

- ENGL 1301 is accepted for ENGL 104 if completed prior to Fall 2014.
- Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
- This Transfer Course Sheet was supported in a partnership between The Office of Admissions and the College of Engineering at Texas A&M at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.
- More detailed, department transfer information can be found at [engineering.tamu.edu/mechanical/prospective-students/admission-guidelines](http://engineering.tamu.edu/mechanical/prospective-students/admission-guidelines)

### Additional Transfer Requirements

- At least a 3.25 overall GPA on 24 transferable hours (minimum) to be competitive for admission.
- Second-choice majors are **not** considered.

### Additional Information

- Applicant's essay MUST convey their understanding of and desire to pursue a Mechanical Engineering degree and planned career path.
- For additional information, prospective transfer students are encouraged to visit [engineering.tamu.edu/apply/transfer-students](http://engineering.tamu.edu/apply/transfer-students)
- Degree candidates will be required to fulfill the following [University Core Curriculum Requirements](http://www.tamutransfer.com) to graduate: American history electives, government electives, a social and behavioral science elective, and a creative arts elective. These are options for additional coursework that your institution may offer to complete.