



Materials Science and Engineering
 Engineering | Materials Science & Engineering
 Jules Henry and Dr. Patrick Shamberger
engineering.tamu.edu/materials

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
Chemistry I*	4	CHEM 1411	CHEM 101/111

*Students completing a course equivalent to CHEM 107/117 can use this to fulfill the CHEM 101/111 requirement.

It is recommended for the above coursework to be completed with a grade of 'B' or better.

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

ADDITIONAL RECOMMENDED COURSEWORK TO COMPLETE

Course Title	Credits	TCCNS Number	TAMU Course Number
Physics - Electricity and Optics	4	PHYS 2426 or 2326/2126	PHYS 208
Chemistry II	4	CHEM 1412	CHEM 102/112
Engineering Math III**	3-4	MATH 2415	MATH 251
Composition and Rhetoric	3	ENGL 1302	ENGL 103 or ENGL 104

**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, and for all of these courses to be completed with a grade of 'B' or better.

Transfer Course Sheet Notes

1. ENGL 1301 is accepted for ENGL 104 if completed prior to Fall 2014.
2. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
3. 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.

Additional Transfer Requirements

- At least a 3.0 overall GPA on a minimum of 24 graded, transferable hours of coursework.
- Second-choice majors are considered.

Additional Information

- Applicant's essay MUST convey their understanding of and desire to pursue a Materials Science and Engineering degree and planned career path.
- For additional information, prospective transfer students are encouraged to visit engineering.tamu.edu/apply/transfer-students
- Degree candidates will be required to fulfill the following [University Core Curriculum Requirements](http://www.tamupress.com/transfer) 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 current institution may offer (that you could complete prior to transferring) that could transfer and satisfy degree requirements.