Multidisciplinary Engineering Technology (MX and SE Tracks)  
College of Engineering  
Engineering Technology and Industrial Distribution  
ETID-advising@tamu.edu | 979-845-4951  
engineering.tamu.edu/etid/advising

2024-2025 Transfer Course Sheet  
Minimum GPA | 3.0  
Minimum Transferable Hours | 24  
Second-Choice Major Eligible | YES

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Minimum Transferable Hours | 24  
Second-Choice Major Eligible | YES

<table>
<thead>
<tr>
<th>Required Coursework for Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Name</strong></td>
</tr>
<tr>
<td>Engineering Math I</td>
</tr>
<tr>
<td>Engineering Math II</td>
</tr>
<tr>
<td>Chemistry for Engineers</td>
</tr>
<tr>
<td>Physics for Engineers**</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1409</td>
<td>CHEM 107/117</td>
<td>Chemistry for Engineers</td>
<td>4</td>
</tr>
<tr>
<td>core.tamu.edu</td>
<td>American History</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 2413</td>
<td>MATH 151</td>
<td>Engineering Math I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1301 or 1302</td>
<td>ENGL 103 or 104</td>
<td>Basic Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

**SPRING SEMESTER**

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>core.tamu.edu</td>
<td>Language, Philosophy &amp; Culture</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>icd.tamu.edu</td>
<td>Social &amp; Behavioral Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 2414</td>
<td>MATH 152</td>
<td>Engineering Math II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2425 or 2325/2125</td>
<td>PHYS 206</td>
<td>Physics for Engineers I</td>
<td>4</td>
</tr>
</tbody>
</table>

Total | 12 | 14 |

- 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: Linear Algebra (MATH 304), Differential Equations (MATH 308), and Statistical Methods (STAT 302).

8/1/2024
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 Multidisciplinary 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.
- Applicants interested in the STEM Educator Track are encouraged to meet with an advisor before applying.
- 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
Multidisciplinary Engineering Technology (MXET) prepares students for careers requiring an understanding of technical problems and systems that combine principles from two or more engineering technology disciplines. The degree is designed to be flexible, giving the student a strong background in electronic and mechanical systems and then augmented with a focus area. Graduates of the program receive a rigorous technical education and typically take engineering and technology positions appropriate to their focus area of study.

The MXET curriculum is based on a strong underpinning of engineering math and science courses followed by a core technical sequence. This core includes mechanical, electronic and embedded systems/software fundamentals, principles and design concepts. Throughout their curriculum, students work on multiple open-ended projects to design, implement, test, and evaluate mechanical and electronic hardware and software systems. One of the most unique aspects of the Multidisciplinary Engineering Technology program is that most technical courses provide a hands-on laboratory experience using state-of-the-art equipment and industry-standard design and analysis software. The technical curriculum is augmented with courses in written/oral communications and technical project management. A team-based industry-sponsored capstone design sequence provides a challenging opportunity to apply technical, managerial, and communications skills to solving a real-world problem. 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.