# 2016–17 Pre-Engineering Academic Map

## Department of Engineering Technology

## Middle Tennessee State University • Murfreesboro

MIDDLE TENNESSEE STATE UNIVERSITY.

An academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in four years. ***Missing milestones could delay your program.***

**This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements.** Also see the current undergraduate catalog **(catalog.mtsu.edu)** for a complete list of requirements and electives. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.*

**NOTE: Learning Support courses will alter the sequences on this map.**

## Suggested Fall/Spring Two-Year Schedule for Four-Year Engineering Degree

| FRESHMAN FALL | | | FRESHMAN SPRING | | |
|---|---|---|---|---|---|
| **Course** | **Hours** | **Milestones/Notes** | **Course** | **Hours** | **Milestones/Notes** |
| ENGL 1010 (Comm) | 3 | | ENGL 1020 (Comm) | 3 | |
| MATH 1910 (Calculus I) (Math) | 4 | Students with less than 26 ACT math score may need Pre-calculus, MATH 1730 | CHEM 1120/1121 | 4 | |
| CHEM 1110/1111 (Nat Sci) | 4 | | MATH 1920 | 4 | |
| ENGR 1100 | 3 | | CSCI 1170 | 4 | |
| COMM 2200 (Comm) | 3 | | ET 2310 | 3 | |
| **SUBTOTAL** | **17** | | **SUBTOTAL** | **18** | |
| **SOPHOMORE FALL** | | | **SOPHOMORE SPRING** | | |
| PHYS 2110/2111 (Nat Sci) | 4 | | PHYS 2120/2121 | 4 | |
| MATH 3130 | 3 | | MATH 3110 | 4 | |
| STAT 3150 | 3 | | ENGR 2120 | 3 | |
| ENGR 2110 | 3 | | ET 3860 | 3 | |
| ENGR 3970 | 3 | | ET 3360 | 3 | |
| **SUBTOTAL** | **16** | | **SUBTOTAL** | **17** | |

***NOTE: Total hours in program depends upon engineering college chosen and courses that are acceptable for transfer to the major chosen by the student.***

**TOTAL HOURS IN PROGRAM: 68**

### Standard Four-Year Engineering Program

This program will require four years to complete. The student is required to take the freshman and sophomore years indicated above and then transfer to an engineering college. The engineering college would then require two years of additional study to complete requirements toward the degree.

The pre-engineering program at MTSU has been closely coordinated with several engineering colleges. A student who elects to transfer should confer with his or her faculty advisor two semesters prior to transfer.

*Students should consult their advisors each semester to plan their schedules.*