# Mechanical Engineering Technology/Mechanical Engineering 2/3 Degree
## Department of Civil and Mechanical Engineering

**Effective:** Fall 2016

All engineering & technical elective courses must have a combined minimum GPA of 2.0.

Course sequencing follows the academic year, and assumes beginning the program in the fall semester.

The MET, math and physics departments require a C- or better in pre-requisite courses.

Consult with the most recent bulletin at [http://bulletin.ipfw.edu](http://bulletin.ipfw.edu). For more information visit [http://www.engr.ipfw.edu](http://www.engr.ipfw.edu).

P = Pre-requisite, C = Co-Requisite, GE = General Education with Categories A, B, and C, and Competencies 1-8.

## Course Sequencing

### 1st Semester
- MA 153 (3) with C- or better
- MET 104 (3) C: MA 153
- IET 105 (3) GE B5
- ET 106 (3) P: ET 106 with C- or better
- ENG W131 (3) P: ENG W129 with C or better

### 2nd Semester
- MA 154 (4) P: MA 153 with C- or better
- PHYS 218 (4) P: MA 153 or placement
- MET 223 (3) P: ET 106 and either MET 104 or ARET 123 with C- or better
- MET 180 (3) P: ET 106 with C- or better
- ECET 114 (3) C: MA 153 with C-

### 3rd Semester
- MA 165 (4) P: MA 154 or MA 159 with C- or better or placement
- CHM 115 (4) P: CHM 111 or 1 yr. H.S. Chem. C: MA 154
- ET 190 (3) P: MA 154 with C- or better
- MET 335 (3) P: MET 104, MET 180, and PHYS 218 with grades of C- or better
- COM 114 (3) C: MA 153 with C-

### 4th Semester
- MA 166 (4) P: MA 165 with C- or better
- PHYS 152 (5) C: MA 166
- ET 200 (3) P: ET 190 with a grade of C- or better
- IET 204 (3) C: MA 153 with C-

### 5th Semester
- MA 261 (4) P: MA 166 with C- or better
- PHYS 251 (5) P: PHYS 152 with C or better
- ME 250 (3) P: PHYS 152
- ENGR 128 (4) C: MA 261
- ENGR 221 (2) or CS 227 (2) P: ENGR 128

### 6th Semester
- MA 351 (3) P: MA 166 with C- or better
- MA 363 (3) P: MA 261 with C- or better
- ME 251 (3) P: CE 250
- ME 252 (3) P: CHM 115 or CS 227
- ME 200 (3) P: CHM 115

### 7th Semester
- ENGR 127
- Technical Elective (group 2)

### Key:
- Math & Science
- Freshmen Engineering
- Mechanical Engineering
- Engineering Tech.
- General Education

Credit Given for: ENGR 127 Based on: MA 153/154, MET 104, ET106 Technical Elective (group 2) MET 335

Needed to Complete AS in MET
- GE B.6, & GE B.7
- IET 205 – Statistics (GE A.3)
- OLS 252 - Hum. Rel. Org. (GE B.5)

*Beginning Fall 2017, a student must receive a B- or better or placement*

Revised Spring 2016