

# Polytechnic Statewide Mechanical Engineering Technology, AS

Degree Requirements

60 Credits Required

Departmental/Program Major Courses (22 credits)

## Required Major Courses (22 credits)

MET 11100 Applied Statics [Before]	3.00
MET 14300 Materials And Processes I [Right] or	3.00
MET 14400 Materials And Processes II [After]	3.00
MET 23000 Fluid Power	3.00
MET 24500 Manufacturing Systems	3.00
MET 28400 Introduction To Industrial Controls [Before] MET Selective - Credit Hours: 3.00	3.00
ENGT 18000 Engineering Technology Foundations	3.00
ENGT 18100 Engineering Technology Applications	1.00

## Other Departmental/Program Course Requirements (36 Credits)

COM 11400 Fundamentals Of Speech Communication	3.00
MA 16010 Applied Calculus I	3.00
ECET 22400 Electronic Systems	3.00
CHM 11100 General Chemistry	3.00
PHYS 22000 General Physics	4.00
STAT 30100 Elementary Statistical Methods	3.00
TECH 12000 Design Thinking In Technology	3.00
[Before] English Composition Selective - Credit Hours: 3.00 ( <i>satisfies Written Communication for core</i> )	
ECON 21000 Principles Of Economics	3.00
[After] General Education Human Cultures: Humanities Selective - Credit Hours: 3.00 ( <i>satisfies Human Cultures Humanities for core</i> )	
General Education Human Cultures: Behavior/Social Sciences - Credit Hours: 3.00 ( <i>satisfies Human Cultures: Behavioral Sciences for core</i> )	
Computer Graphics Technology Selective - Credit Hours: 2.00	

## Electives (2 credits)

## University Core Requirements

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy

- Science #1
- Science #2
- Science, Technology, and Society
- Written Communication
- Oral Communication
- Quantitative Reasoning

For a complete listing of course selectives, visit the [Provost's Website](#).

## Prerequisite Information:

For current pre-requisites for courses, click [here](#).

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## Additional Degree Requirements

## Program Requirements

### Fall 1st Year

ENGT 18000 Engineering Technology Foundations	3.00
ENGT 18100 Engineering Technology Applications	1.00
MA 16010 Applied Calculus I	3.00
[Before] CGT Selective - Credit Hours: 2.00	
MET 14300 Materials And Processes I	3.00

[After] or	
MET 14400 Materials And Processes II	3.00
TECH 12000 Design Thinking In Technology	3.00

**15 Credits**

## Spring 1st Year

MET 11100 Applied Statics	3.00
PHYS 22000 General Physics	4.00
[Before]	
Humanities Foundational Selective - Credit Hours: 3.00	
English Composition Selective - Credit Hours: 3.00	
Behavioral Social Science Foundational Selective - Credit Hours: 3.00	

**16 Credits**

## Fall 2nd Year

CHM 11100 General Chemistry	3.00
ECET 22400 Electronic Systems	3.00
ECON 21000 Principles Of Economics	3.00
MET 24500 Manufacturing Systems	3.00

STAT 30100 Elementary Statistical  
Methods

3.00

15 Credits

## Spring 2nd Year

COM 11400 Fundamentals Of  
Speech Communication 3.00

MET 23000 Fluid Power 3.00

MET 28400 Introduction To  
Industrial Controls 3.00

[After] MET Selective - Credit Hours:  
3.00

Elective - Credit Hours: 3.00

14 Credits

## Notes

1. 60 semester credits and a 2.0 Graduation GPA are required for the Associate of Science degree.
2. Students must earn a "D-" or better in all courses unless otherwise noted.
3. Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.

## Foreign Language Courses

*Foreign Language proficiency requirements vary by program.*

*For acceptable languages and proficiency levels, see your advisor:  
American Sign Language, Arabic, Chinese, French, German,  
(ancient) Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian,  
Spanish*

## Critical Course

*The ♦ course is considered critical. A Critical Course is one that a student must be able to pass to persist and succeed in a particular major.*

## Disclaimer

*The student is ultimately responsible for knowing and completing all degree requirements.*

*The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.*