

Major: Mechanical Engineering Technology (MET)
MET-AS Suggested Arrangement of Courses

| Fall 1 st Year | CR | GR | Sem | Fulfilled by | Spring 1 st Year | CR | GR | Sem | Fulfilled by |
|--|-----------|----|-----|--------------|---|-----------|----|-----|--------------|
| ENGT 18000 ENG Tech Foundations | 3 | | | | MA 16010 Applied Calculus I* (Pre-req: ALEKS score 75) | 3 | | | |
| ENGT 18100 ENG Tech Applications | 1 | | | | | | | | |
| [¹ Materials and Processes Selective] | 3 | | | | MET 11100 Applied Statics (Pre-req: ENGT 18000) | 3 | | | |
| CHM 11100 General Chemistry* | 3 | | | | SCLA 10200 Transformative Texts, Critical Thinking & Communication II* [³ Freshman Speech Selective] | 3 | | | |
| CGT 16300 Graphical Communication and Spatial Analysis [⁷ Computer Graphics Tech Selective] | 2 | | | | [⁵ Humanities Foundational Selective] | 3 | | | |
| TECH 12000 Design Thinking in Tech.* | 3 | | | | [⁶ Behavioral Social Science Foundational Selective] | 3 | | | |
| TOTAL CREDIT HOURS | 15 | | | | TOTAL CREDIT HOURS | 15 | | | |

| Fall 2 nd Year | CR | GR | Sem | Fulfilled by | Spring 2 nd Year | CR | GR | Sem | Fulfilled by |
|---|-----------|----|-----|--------------|---|-----------|----|-----|--------------|
| MET 24500 Manufacturing Systems (Pre-reqs: MET 14300 or MET 14400, and CGT Selective) | 3 | | | | [² MET Selective] | 3 | | | |
| ECET 22400 Electronic Systems (Pre-req: MA 16010) | 3 | | | | MET 23000 Fluid Power (Pre-reqs: MET 11100 and MA 16010) | 3 | | | |
| PHYS 22000 General Physics I* | 4 | | | | MET 28400 Intro to Industrial Controls (Pre-req: ECET 22400) | 3 | | | |
| Free Elective | 2 | | | | STAT 30100 Elementary Stat Methods | 3 | | | |
| SCLA 10100 Transformative Texts, Critical Thinking & Communication I* [⁴ Freshman Composition Selective] | 3 | | | | ECON 21000 Principles of Economics | 3 | | | |
| TOTAL CREDIT HOURS | 15 | | | | TOTAL CREDIT HOURS | 15 | | | |

Refer to the 2020 MET supplemental information form for options for selectives.

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.

The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is knowledge source for specific requirements and completion.

MET SUPPLEMENTAL INFORMATION

All prerequisites must be met.

Bold indicates courses offered at Richmond Location.

See Student Affairs Administrator for course availability.

¹MATERIALS AND PROCESSES SELECTIVE: (3 credits)

MET 14300 Materials and Processes I
MET 14400 Materials and Processes II

²MET SELECTIVE: (3 credits)

MET 10200 Production Specifications
MET 14300 Materials and Processes I
MET 14400 Materials and Processes II
MET 21100 Applied Strength of Materials
MET 21300 Dynamics
MET 21400 Machine Elements
MET 22000 Heat and Power

³FRESHMAN SPEECH SELECTIVE: (3 credits)

COM 11400 Fundamentals of Speech Communication
SCLA 10200 Transformative Texts, Critical Thinking & Communication II

⁴FRESHMAN COMPOSITION SELECTIVE: (3 credits)

ENGL 10600 First Year Composition
ENGL 10800 Accelerated First Year Composition
SCLA 10100 Transformative Texts, Critical Thinking & Communication I

⁵HUMAN CULTURES: HUMANITIES CORE: (3 credits)

See approved UCC Humanities Cultures/Humanities list at:
<http://www.purdue.edu/provost/initiatives/curriculum/course.html>.

⁶BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE: (3 credits)

See approved UCC Behavioral/Social Science list at:
<http://www.purdue.edu/provost/initiatives/curriculum/course.html>.

⁷COMPUTER GRAPHICS TECHNOLOGY SELECTIVE: (2 credits)

CGT 11000 Technical Graphics Communication
CGT 16300 Graphical Communication and Spatial Analysis
IT 10500 Intro to Engineering Design

