## Purdue Polytechnic Richmond
**School of Engineering Technology**

**Major Code:** METC

**Major:** Mechanical Engineering Technology (MET)

<table>
<thead>
<tr>
<th>Fall 1st Year</th>
<th>CR</th>
<th>GR</th>
<th>Sem</th>
<th>Fulfilled by</th>
<th>Spring 1st Year</th>
<th>CR</th>
<th>GR</th>
<th>Sem</th>
<th>Fulfilled by</th>
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<tbody>
<tr>
<td>ENGT 18000 ENG Tech Foundations</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>MA 16010 Applied Calculus *</td>
<td>3</td>
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<tr>
<td>ENGT 18100 ENG Tech Applications</td>
<td>1</td>
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<td>(Pre-req: ALEKS score 75)</td>
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<tr>
<td><em>Materials and Processes Selective</em></td>
<td>3</td>
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<td></td>
<td>MET 11100 Applied Statics (Pre-req: ENGT 18000)</td>
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<td>CHM 11100 General Chemistry*</td>
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<td></td>
<td>SCLA 10200 – Transformative Texts, Critical Thinking &amp; Communication II*</td>
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<td><em>CHEM-C 105 3 cr. (IUE)</em></td>
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<td>[^<em>Freshman Speech Selective</em>]</td>
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<td>TECH 12000 Design Thinking in Tech.*</td>
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<td>[^<em>Behavioral Social Science Foundational Selective</em>]</td>
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<td><strong>TOTAL CREDIT HOURS</strong></td>
<td><strong>15</strong></td>
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<td><strong>15</strong></td>
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<thead>
<tr>
<th>Fall 2nd Year</th>
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<th>GR</th>
<th>Sem</th>
<th>Fulfilled by</th>
<th>Spring 2nd Year</th>
<th>CR</th>
<th>GR</th>
<th>Sem</th>
<th>Fulfilled by</th>
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<tr>
<td>MET 24500 Manufacturing Systems (Pre-reqs: MET 14300 or MET 14400, and CGT Selective)</td>
<td>3</td>
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<td>[^<em>MET Selective</em>]</td>
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<td>ECET 22400 Electronic Systems (Pre-req: MA 16010)</td>
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<td>MET 23000 Fluid Power (Pre-req: MET 11100 and MA 16010)</td>
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<td>PHYS 22000 General Physics I*</td>
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<td>MET 28400 Intro to Industrial Controls (Pre-req: ECET 22400)</td>
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<td><em>PHYS-P 201, 5 cr. (IUE)</em></td>
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<td>Free Elective [^<em>Apply excess Science credit here.</em>]</td>
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<td>SCLA 10100 – Transformative Texts, Critical Thinking &amp; Communication I*</td>
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<td>STAT 30100 Elementary Stat Methods or *MATH-K 300 (IUE)</td>
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<td>[^<em>Freshman Composition Selective</em>]</td>
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<td><strong>TOTAL CREDIT HOURS</strong></td>
<td><strong>15</strong></td>
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Refer to the 2019 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.

Revised 3/10/2019 (Effective Fall 2019)
RICHMOND MET SUPPLEMENTAL INFORMATION
All prerequisites must be met.

Bold indicates courses offered at Richmond Location. See Student Affairs Administrator for course availability.

*Indicates IUE courses for Richmond Location only.

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

3FRESHMAN SPEECH SELECTIVE: (3 credits)

COM 11400 – Fundamentals of Speech Communication
*SPCH-S 121
SCLA 10200 – Transformative Texts, Critical Thinking & Communication II

4FRESHMAN COMPOSITION SELECTIVE: (3 credits)

ENGL 10600 First Year Composition
ENGL 10800 Accelerated First Year Composition
*ENG-W 131
SCLA 10100 – Transformative Texts, Critical Thinking & Communication I

5HUMAN CULTURES: HUMANITIES CORE: (3 credits)
See http://www.purdue.edu/provost/initiatives/curriculum/course.html for approved Humanities Core Courses.

*ENG-L 204  
*FINA-A 101  
*FINA-A 102  
*FINA-F 100  
*FINA-H 100  
*FINA-S 200  
*FINA-S 260  
*FREN-F 100  

*FREN-F 150  
*FREN-F 200  
*FREN-F 250  
*HIST-H 105  
*HIST-H 106  
*MUS-M 174  
*MUS-T 101  
*MUS-Z 393  

*PHIL-P 100  
*PHIL-P 120  
*PHIL-P 140  
*SPAN-S 100  
*SPAN-S 150  
*SPAN-S 200  
*SPAN-S 250  

6BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE: (3 credits)
See approved UCC Behavioral/Social Science list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

*ANTH-A 104  
*ANTH-E 320  
*ECON-E 103  
*ECON-E 104  

*ENG-G 205  
*POLS-Y 103  
*POLS-Y 109  
*POLS-Y 324  

*PSY-P 103  
*PSY-P 216  
*SOC-S 100  
*SPCH-S 122

7COMPUTER GRAPHICS TECHNOLOGY SELECTIVE: (2 credits)

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

Revised 3/10/2019 (Effective Fall 2019)