MECHATRONICS TECHNOLOGY, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

### Requirement Credits
- Requirements for the Minor 18-23

### Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET 311</td>
<td>Alternating Current Circuits</td>
<td>3-4</td>
</tr>
<tr>
<td>or EET 315</td>
<td>Linear and Discrete System Analysis</td>
<td></td>
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Select one of the following: 3
- EMCH 211 Statics
- ET 300 Mechanics I: Statics
- MET 111 Mechanics for Technology: Statics

### Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better

Select 6-8 credits of the following.¹

#### Group A
- EE 310 Electronic Circuit Design I
  or EET 212W Op Amp and Integrated Circuit Electronics

Select one of the following sequences:
- CMPEN 271 & CMPEN 275 Introduction to Digital Systems and Digital Design Laboratory
- CMPET 117 & CMPET 120 Digital Electronics and Digital Electronics Laboratory

#### Group B

Select one of the following:
- EET 341 Measurements and Instrumentation
- EMET 330 Measurement Theory and Instrumentation
- ME 345 Instrumentation, Measurements, and Statistics
- ME 345W Instrumentation, Measurements, and Statistics
- MET 341 Mechanical Measurements and Instrumentation

Select one of the following:
- EMCH 212 Dynamics
- ET 321 Dynamics
- MET 206 Dynamics

Select one course each from the following categories: 6-8

#### Category I
- CMPEH 472 Microprocessors

¹ Students graduating with an MET major should take 8 credits from Group A; students graduating with an EET major should take 6-7 credits from Group B; all other students should take one course from each group, totaling 7-8 credits.