ELECTRONIC TECHNOLOGY - MINOR

College of Aeronautics and Engineering
Aeronautics and Technology Building
Kent Campus
330-672-2892
cae@kent.edu
www.kent.edu/cae

Description
The Electronic Technology minor gives students a basic knowledge in the use and programming of microprocessor-based circuits. It also illustrates how digital combinational and sequential circuits work, and provides students with some applications of these types of circuits. The minor complements studies in computer science, physics, instrumentation, as well as student interest in a general background on how computers work.

Fully Offered At:
• Kent Campus

Admission Requirements
Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 20004</td>
<td>FUNDAMENTALS OF CIRCUIT ANALYSIS</td>
<td>3</td>
</tr>
<tr>
<td>TECH 33220</td>
<td>ELECTRONIC DEVICES</td>
<td>4</td>
</tr>
<tr>
<td>TECH 33222</td>
<td>DIGITAL DESIGN FOR COMPUTER ENGINEERING</td>
<td>3</td>
</tr>
<tr>
<td>TECH 43026</td>
<td>MICROPROCESSOR SYSTEMS</td>
<td>4</td>
</tr>
<tr>
<td>TECH 46330</td>
<td>VISUAL BASIC PROGRAMMING IN ENGINEERING TECHNOLOGY</td>
<td>3</td>
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Minimum Total Credit Hours: 17

Graduation Requirements

Minimum Minor GPA
2.000

• Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
• Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
• Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).