ELECTRONIC TECHNOLOGY - MINOR

College of Aeronautics and Engineering
www.kent.edu/cae

Contact Information
• cae@kent.edu
  330-672-2892
• Speak with an Advisor

Admission to the minor has been temporarily suspended as of fall 2021.

Fully Offered
• Kent Campus

Description
Admission to the minor has been temporarily suspended as of fall 2021.
The Electronic Technology minor gives students a basic knowledge in the
use and programming of microprocessor-based circuits. It also illustrates
how digital combinatorial 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.

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.

Program Requirements

Minor Requirements

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

Graduation Requirements

<table>
<thead>
<tr>
<th>Minimum Minor GPA</th>
<th>Minimum Overall GPA</th>
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<td>2.000</td>
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• 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.