COMPUTER ENGINEERING 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 Computer Engineering Technology minor provides the foundation for
students to study the design of network systems, telecommunications
systems, networking hardware and computer hardware engineering
and architecture technologies. Students will have the opportunity
to conceptualize, develop and analyze requirements engineering
specifications for practical systems.

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

Graduation Requirements

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

- 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).

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 26010</td>
<td>INTRODUCTION TO COMPUTER ENGINEERING TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 26301</td>
<td>NETWORKING HARDWARE I</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 36302</td>
<td>NETWORKING HARDWARE II</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 43222</td>
<td>COMPUTER HARDWARE ENGINEERING AND ARCHITECTURE</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 46312</td>
<td>WIRELESS NETWORK AND TELECOMMUNICATION SYSTEMS</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 46330</td>
<td>VISUAL BASIC PROGRAMMING IN ENGINEERING TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 46350</td>
<td>NETWORK MANAGEMENT AND DESIGN TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 46411</td>
<td>REQUIREMENTS ENGINEERING AND ANALYSIS</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum Total Credit Hours: 25