Computer Engineering Courses

- CMPE 100/L Logic Design w/ Lab
- CMPE 80N Networking and the Internet
- CMPE 150 Introduction to Computer Networks
- CMPE 3 Personal Computer Concepts: Hardware and Software
- Optional:
  - CMPE 1 Hands-On Computer Engineering
  - CMPE 12/L Computer Systems and Assembly Language w/ Lab

Optional:

Programming

Choose one sequence:

- CMPS 12A/L Introduction to Programming w/ Lab
- CMPS 12B/M Introduction to Data Structures w/ Lab
- CMPS 12A/L Introduction to Programming w/ Lab
- CMPS 12B/M Introduction to Data Structures w/ Lab
- OR
- CMPE 80N Networking and the Internet
- OR
- CMPE 150 Introduction to Computer Networks
- OR
- CMPE 80N Networking and the Internet
- OR
- CMPE 150 Introduction to Computer Networks

Elective: ______________________

Elective: ______________________

Two pre-approved upper-division courses that incorporate computer technology in any discipline.

Faculty Signature: __________________________

Capstone Requirement:

CMPE 194F, Group Tutorial (2 Units). A group tutorial completed during the Winter quarter prior to graduation considering the impact of computer technology. Students will complete papers discussing aspects of the impact of computer technology on the students’ major discipline.

Contact the SoE Undergraduate Advising Office during the preceding Fall quarter to join this course.

Computer Technology and Society

- ISM 101 Management of Technology Seminar
- CMPE 80E Engineering Ethics

Choose one:

- CMPS 12A/L Introduction to Programming w/ Lab
- CMPS 60G OR CMPS 60N
  - Beg. Programming: Social Sciences and Humanities
- OR
  - CMPS 60G OR CMPS 60N
  - Beg. Programming: Natural Sciences

The Computer Technology minor provides a broad exposure to computer hardware and software technology. The minor is intended for non-engineering majors who would like to develop and understanding of the design and use of computer technology. The minor may be particularly valuable for students who expect to use computer technology in another discipline, who are interested in teaching K-12, or who have a general interest in computer technology and how it works.

The upper-division elective course may be counted for another major or minor.
<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STUDENT'S NAME:

STAFF ADVISOR:

*Watch for CEFULs: CE Faculty-Undergraduate Lunches, regularly scheduled throughout the year, CE's free lunch program.*