

# TECHNOLOGY STUDIES: COMPUTER ENGINEERING TECHNOLOGY, AS

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Program code: CETC-AS-COT

Location: Middlesex

## Degree Requirements

| Code  | Title                                       | Credits      |
|---|---|--------------|
| <b>Technology Studies General Education Core</b>                                |   |              |
| ENG 1010  | Composition                                 | 3            |
| MATH 1610   | Precalculus                                 | 4            |
| ART Elective (course vetted for ARHX)   |   | 3            |
| CHEM 1110   | Concepts of Chemistry                       | 4            |
| or CHEM 1210  | General Chemistry I                         |              |
| Elective HISX - Historical Knowledge Course or Elective SBSX course in ECON     |   | 3            |
| ENG 1080  | Composition II: Technical Writing           | 3            |
| or COMM 1301  | Public Speaking                             |              |
| CCS 1001  | College and Career Success                  | 3            |
| <b>Technology Studies Program Core</b>  |   |              |
| PHYS 1201   | General Physics I                           | 4            |
| or PHYS 2201  | Calculus-Based Physics I                    |              |
| Elective BHEL - Behavioral Science Elective - choose an ANTH, PSY or SOC course |   | 3            |
| MATH 1200   | Statistics I                                | 3-4          |
| or MATH 1201  | Statistics I with Computer Applications     |              |
| <b>Computer Engineering Technology Courses</b>                                  |   |              |
| MATH 2600   | Calculus I                                  | 4            |
| EGR 1110  | Introduction to Engineering                 | 3            |
| MATH 2610   | Calculus II                                 | 4            |
| or EGR 2221   | Introduction to Electrical Circuit Analysis |              |
| CIS 1001  | Introduction to Computers                   | 3            |
| CSC 1211  | Java I                                      | 3            |
| CSC 2212  | Java II                                     | 3            |
| PHYS 1202   | General Physics II                          | 4            |
| or PHYS 2202  | Calculus-Based Physics II                   |              |
| CST 1111  | Computer Hardware                           | 4            |
| CST 1221  | Networking I                                | 4            |
| <b>Total Credits</b>  |   | <b>65-66</b> |