The Computer Engineering minor curriculum requires students to choose technical program electives that deepen study within areas of computer engineering. The electives below are approved by the program faculty. Consult the MSOE academic catalog for course descriptions (http://catalog.msoe.edu)

Computer Architecture

- CPE 1510 – Computer Architecture and Assembly Language
- CPE 4510 – Superscalar, Multicore, and Multiprocessor Architecture
- CPE 4520 – Memory System and I/O System Architecture

Computer Networking

- CPE 3300 – Computer Networking
- CPE 4800 – Information Security

Embedded Systems

- CPE 2600 – Systems Programming (effective Fall 2025)
- CPE 3600 – Advanced Embedded Systems
- CPE 4610 – Embedded Systems Fabrication