Computer Engineering Technology Coursework
Oregon Institute of Technology

REQUIREMENTS FOR MECOP ADMISSION
Junior standing and completed required courses for admission to the upper division degree program by Fall Term of MECOP Year 1.

CLASSES REQUIRED FOR FIRST MECOP INTERNSHIP

CST 116	C++ Programming I
CST 126	C++ Programming II
CST 130	Computer Organization
CST 131	Computer Architecture
CST 133	Digital Logic II
CST 134	Instrumentation
CST 162	Digital Logic I
CST 231	Digital System Design I
CST 250	Computer Assembly Language
CST 204	Introduction to microcontrollers
EE 221 or CST 207	Circuits I or AC/DC Circuits
EE 222 or CST 207	AC Circuits, Filters, and Signals
CST 240	Linux Programming
CST 315	Embedded Sensor Interfacing and I/O
CST 337	Embedded System Architecture
CST 371	Embedded Systems Development I
CST 372	Embedded Systems Development II
CST 373	Embedded Systems Development III
MATH 252	Integral Calculus
WRI 227	Technical Report Writing

PICK ONE SEQUENCE TO TAKE BEFORE SECOND MECOP INTERNSHIP

Option 1

CST 344	Intermediate Computer Architecture
CST 418	Data Communications and Networks
CST 442	Advanced Computer Architecture

Option 2

CST 471	Senior Project 1
CST 472	Senior Project 2
CST 473	Senior Project 3

Additional courses are required and must be taken at the appropriate times to ensure timely graduation. Each student is required to develop an individualized course plan of study with an academic advisor, any deviations must be approved by the academic advisor.