Software 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 223	Concepts of Programming Languages
CST 229	Introduction to Grammars
CST 236	Engineering for Quality Software
CST 238	Graphical User Interface Programming
CST 240	Linux Programming
CST 276	Software Design Patterns
CST 316	JR Team-Based Proj Dev I
CST 320	Compiler Methods
CST 324	Database Systems and Design
CST 326	JR Team-Based Proj Dev II
CST 334	Project Proposal
CST 336	JR Team-Based Proj Dev III
CST 352	Operating Systems
SPE 321	Small Group and Team Communications
WRI 227	Technical Report Writing
WRI 350	Documentation Development

ADDITIONAL CLASSES REQUIRED FOR SECOND MECOP INTERNSHIP

CST 412	Senior Development Project
CST 417	Embedded Networking
CST 422	Senior Development Project
CST 432	Senior Development Project

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.