

Electrical Engineering 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

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| PHY 221 | Physics I |
| PHY 222 | Physics II |
| MATH 252 | Integral Calculus |
| WRI 227 | Tech Report Writing |
| EE 131* | Digital I |
| EE 133* | Digital II |
| EE 221 | Circuits I |
| EE 225** | Circuits III |
| EE 320** | Advanced Circuits and Systems |
| EE 321 | Electronics I |
| EE 331 | HDL |
| EE 333 | Microcontrollers I |
| CST 116 | C++ Programming I |

*EE 131+EE 133 or EE 347 Digital Logic

**EE 225 or EE 320

ADDITIONAL CLASSES REQUIRED FOR SECOND MECOP INTERNSHIP

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|--------|----------------------------------|
| EE 323 | Electronics II |
| EE 335 | Microcontrollers II |
| EE 341 | Electricity and Magnetism w/ TLs |
| EE 430 | DSP |

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.