



# Mechanical 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

CHE 201/204	General Chemistry and Lab
CHE 202/205	General Chemistry and Lab
ENGR 111	MMET Orientation
ENGR 211	Engineering Mechanics: Statics
ENGR 213	Engineering Mechanics: Strength of Materials
ENGR 236	Fundamentals of Electric Circuits
ENGR 266	Engineering Computation
ENGR 355	Thermodynamics
MATH 251	Differential Calculus
MATH 252	Integral Calculus
MATH 254	Vector Calculus I
MECH 318	Fluid Mechanics I
MECH 260	Engineering Materials I
MECH 363	Engineering Instrumentation
MET 241	CAD for Mechanical Design I
MET 242	CAD for Mechanical Design II
MET 375	Solid Modeling
MFG 120	Introductory Machining Processes
MFG 314	Geometric Dimensioning and Tolerancing