

**Counseling Services
College of the Siskiyous**

OIT / COS Lower Division Major Requirements Guide

DRAFT

Mechanical Engineering Technology

04/07/08

Oregon Institute of Technology		College of the Siskiyous	
CHE 101/201	Chemistry		
CHE 104/204	Chemistry Lab		
CIS 133B	Introduction to Visual Basic.NET Programming	CSCI 4	Visual Basic
ENGR 211	Statics	ENGR 35	Mechanics for Engineers- Statics
ENGR 212	Dynamics	OIT	
ENGR 213	Strength of Materials	OIT	
ENGR 236	Fundamentals of Electric Circuits	OIT	
MATH 111	College Algebra	MATH 10	College Algebra
MATH 112	Trigonometry	MATH 4	Pre Calculus
MATH 243	Statistics I	MATH 2	Elementary Statistics
MATH 251	Differential Calculus	MATH 5A	Calculus and Analytic Geometry I
MATH 252	Integral Calculus	MATH 5B	Calculus and Analytic Geometry II
MATH 254N	Multivariable and Vector Calculus	OIT	
MET 105	Fundamentals of engineering Drafting	OIT	
MET 111	Orientation	OIT	
MET 112	Orientation II	OIT	
MET 160	Materials I	OIT	
MET 218	Fluid Mechanics	OIT	
MET 241	CAD for Mechanical Design I	OIT	
MET 242	CAD for Mechanical Design II	OIT	
MET 275	CAD for Mech. Design	(ENGR 4)	Engineering Graphics and Descriptive Geometry
MFG 103	Introductory Welding Process	OIT	
MFG 112	Introduction to Manufacturing Process	OIT	
MFG 120	Manufacturing Process I	OIT	
PHY 201/221	General Physics	PHYS 2A	General Physics I
PHY 202/222	General Physics	PHYS 2B	General Physics II
PHY 203/223	General Physics	OIT	
SPE 111	Fundamentals of Speech	SPCH 1	Public Speaking
SPE 321	Small Group and team Communication	SPCH 2	Group Communication
Various	Psychology Elective	PSY 1,2,3,4,5	General, Abnormal, Social, Prejudice, or Biological Psychology
Various	Economics Elective	ECON 1A or 1B	Micro or Macroeconomics
Various	Humanities Elective	Various	Any course from IGETC Areas 3A or 3B
WRI 121	English Composition	ENGL 1A	College Composition
WRI 122	English Composition	ENGL 1C	Advanced Composition – Critical Thinking
WRI 227	Technical Report Writing	OIT	

OIT = Take @ OIT

qu = quarter units (qu x .667 = semester units)

() = this articulation has been proposed to OIT

su = semester units (su x 1.5 = quarter units)