

**Counseling Services  
College of the Siskiyous**

**OIT / COS Lower Division Major Requirements Guide**

DRAFT

**Manufacturing Engineering Technology**

04/01/09

Oregon Institute of Technology		College of the Siskiyous	
CHE 101	Elementary Chemistry	CHEM 3A	General Chemistry I
CHE 104	Elementary Chemistry Lab	CHEM 3A	General Chemistry I
ENGR 212 Or MET 218	Dynamics Or Fluid Mechanics	OIT Or OIT	
ENGR 230	Statics	ENGR 35	Mechanics for Engineers- Statics
ENGR 231	Strength of Materials	OIT	
ENGR 232	Advance Strength and Materials	OIT	
ENGR 236	Fundamentals of Electric Circuits	ENGR 17	Introduction to Circuit Analysis
ENGR 266	Programming for Engineers	OIT	
MATH 111	College Algebra	MATH 10	College Algebra
MATH 112	Trigonometry	OIT	
MATH 251	Differential Calculus	MATH 5A	Calculus and Analytic Geometry I
MATH 252	Integral Calculus	MATH 5B	Calculus and Analytic Geometry II
MET 111	Orientation I	OIT	
MET 112	Orientation II	OIT	
MET 160	Materials I	OIT	
MET 241	CAD for Mechanical Design I	OIT	
MET 242	CAD for Mechanical Design II	OIT	
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
SPE 111	Fundamentals of Speech	SPCH 1	Public Speaking
SPE 321	Small Group & Team Communication	SPCH 2	Group Communication
Various	Humanities/ Social Science Elective	Various	Any course from IGETC Areas 3A or 3B or 4
Various	Humanities/ Social Science Elective	Various	Any course from IGETC Areas 3A or 3B or 4
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)