

**Counseling Services  
College of the Siskiyous**

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

DRAFT

**Geomatics- Geographical Information Systems Option**

04/27/10

<b>Oregon Institute of Technology</b>		<b>College of the Siskiyous</b>	
CIV 112	Computer Aided Drafting	OIT	
GIS 103	Introduction to GIS	OIT	
GIS 105	Map & Computer GIS	OIT	
GIS 205	GIS Data Intergration	OIT	
GME 134	Geographic Information Systems	OIT	
GME 161	Plane Surveying I	OIT	
GME 162	Plane Surveying II	OIT	
GME 175	Computations And Platting	OIT	
GME 241	Boundary Law	OIT	
GME 242	Land Descriptions And Cadastre	OIT	
MATH 111	College Algebra	MATH 10	College Algebra
MATH 112	Trigonometry	OIT	
MATH 251	Differential Calculus	MATH 7	Ordinary Differential Equations
MATH 252	Integral Calculus		
MATH 254N	Vector Calculus	OIT	
MIS 115	Visual Basic Programming	CSCI 4	Visual Basic Programming
MIS 275	Introduction to Relational DB	OIT	
PHY 221	General Physics With Calculus	PHYS 4A	Mechanical Physics, Oscillations, and Waves
PHY 222	General Physics With Calculus	PHYS 4B	Electrical Physics, Light
PHY 223	General Physics W/Calculus	PHYS 4C	Heat, Modern, and Quantum Physics
SPE 111	Fundamentals Of Speech	SPCH 1	Public Speaking
SPE 321	Group Communication	SPCH 2	Group Communication
Various	Social Science Elective (9qtr)	Various	IGETC Area 4 (6 sem)
Various	Humanities Elective (9qtr)	Various	IGETC Area 3 (6 sem)
WRI 121	English Composition	ENGL 1A	College Composition
WRI 122	English Composition	ENGL 1C	College Composition –Critical thinking
WRI 227	Technical Report Writing	BA 4	Business Communications

**Geomatics- Surveying Option**

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CIV 221		OIT	
GME 134	Geographic Information Systems	OIT	
GME 161	Plane Surveying I	OIT	
GME 162	Plane Surveying II	OIT	
GME 175	Computations And Platting	OIT	
GME 241	Boundary Law	OIT	
GME 242	Land Descriptions And Cadastre	OIT	
GME 264	Software Applications	OIT	
MATH 111	College Algebra	MATH 10	College Algebra
MATH 112	Trigonometry	OIT	
MATH 251	Differential Calculus	MATH 7	Ordinary Differential Equations
MATH 252	Integral Calculus		
MATH 254N	Vector Calculus	OIT	
MIS 115	Visual Basic Programming	CSCI 4	Visual Basic Programming

OIT = Take at 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)

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