

**Counseling Services  
College of the Siskiyous**

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

DRAFT

**Software Engineering Technology**

04/14/08

Oregon Institute of Technology		College of the Siskiyous	
CST 102	Introduction to Computer Systems	OIT	
CST 116	C++ Programming I	CSCI 7	Programming I
CST 123	Topics in Computer Science	OIT	
CST 126	C++ Programming II	CSCI 8	Programming II
CST 130	Computer Organization	OIT	
CST 131	Computer Architecture	OIT	
CST 136	Object-Oriented Program w/ C++	OIT	
CST 162	Introduction to Digital Logic	OIT	
CST 211	Data Structures	OIT	
CST 213	Programming Languages I	OIT	
CST 238	Graphical User Interface Program.	OIT	
CST 240	UNIX	OIT	
CST 250	Computer Assembly Language	CSCI 6	Assembly Language Programming
MATH 111	College Algebra	(MATH 10)	College Algebra
MATH 112	Trigonometry	MATH 4	Pre-Calculus
MATH 251	Analytic Geometry & Diff. 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)	
PHY 221+	General Physics with Calculus	PHYS 4A +	Mechanical Physics, Oscillations, . . .
PHY 222+	General Physics with Calculus	PHYS 4B +	Electrical Physics, Light
PHY 223	General Physics with Calculus	PHYS 4C	Heat, Modern, & Quantum Physics
PSY 201	Psychology	PSY 1	General Psychology
SPE 111	Fundamentals of Speech	SPCH 1	Public Speaking
Various	Humanities electives (9qu/6su)	Various	Any CSUGE Area C courses
Various	Social Science electives (6qu/4su)	Various	Any CSUGE Area D courses
WRI 121	English Composition	ENGL 1A	College Composition
WRI 122	English Composition	ENGL 1C	Advanced Composition
WRI 227	Technical Report Writing	OIT	

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)