

**Counseling Services
College of the Siskiyous**

OIT / COS Lower Division Major Requirements Guide

DRAFT

Computer Engineering Technology

04/01/08

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 126	C++ Programming II	CSCI 8	Programming II
CST 130	Computer Organization	OIT	
CST 131	Computer Architecture	OIT	
CST 162	Introduction to Digital Logic	OIT	
CST 204	Introduction to Microcontrollers	OIT	
CST 231/232	Computer Design /Prog. Logic w/ lab	OIT	
CST 250	Computer Assembly Language	CSCI 6	Assembly Language Programming
CST 262	Digital Design using HDL	OIT	
EET 101	Introduction to Circuit Analysis	(ENGR 17)	Introduction to Circuit Analysis
EET 102	Introduction to Circuit Analysis Lab	(ENGR 17)	Introduction to Circuit Analysis
EET 115/116	Network Theorems w/ Lab	OIT	
EET 237/238	AC Circuits, Filters, & Signals w/ lab	(ENGR 17)	Introduction to Circuit Analysis
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	(MATH 5C)	Calculus and Analytic Geometry III
PHY 221+ PHY 222+ PHY 223	General Physics with Calculus General Physics with Calculus General Physics with Calculus	PHYS 4A + PHYS 4B + PHYS 4C	Mechanical Physics, Oscillations, . . . Electrical Physics, Light Heat, Modern, & Quantum Physics
PSY 201	Psychology	PSY 1	General Psychology
SPE 111	Fundamentals of Speech	SPCH 1	Public Speaking
Various	Humanities electives (6qu/4su)	Various	Any CSUGE Area C HUM, ENGL, MUS, PHIL, SPAN 3, SPAN 4, THEA.
Various	Social Science electives (6qu/4su)	Various	Any CSUGE Area D ANTH, HIST, ECON, POLS, PSY, SOC.
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)