

ADVISORY SUBSTITUTIONS: 2010-2012 COMPUTER SCIENCE TRACKS

	Hardware Track -----	ACM2001 CS Track -----	CIS Track -----
Intro:	CMPS 150 Unix CMPS 221, 222, 223	CMPS 150 Unix CMPS 221, 222, 223	CMPS 150 Unix CMPS 221, 222, 223 CMPS 211 Web Design
Core:	CMPS 224 Assembly Lang CMPS 295 Disc. Struct CMPS 320 Digital Circ CMPS 321 Architecture CMPS 360 Oper. Systems CMPS 371 Comp. Graphics CMPS 376 Comp. Networks CMPS-420-Embedded-Systems CMPS-421-Adv.-Architeecture	CMPS 224 Assembly Lang CMPS 295 Disc. Struct CMPS 312 Algorithms CMPS 320 Digital Circ CMPS 321 Architecture CMPS 335 Software Eng CMPS 342 Databases CMPS 350 Prog. Lang. CMPS 356 AI CMPS 360 Oper. Systems CMPS 376 Comp. Networks	CMPS 224 Assembly Lang CMPS 294 Java and Web. Appl. CMPS 295 Disc. Struct CMPS 312 Algorithms CMPS 335 Software Eng CMPS 342 Databases CMPS 350 Prog. Lang. CMPS 356 AI CMPS 360 Oper. Systems CMPS 371 Comp. Graphics CMPS 376 Comp. Networks
Math/Physics:	MATH 201, 202, 203 MATH 204 OR 205 OR 206 MATH 330 Linear Alg. PHYS 221, 222 ENGR 207 Analog Circ.	MATH 201, 202, 203 MATH 330 Linear Alg. MATH 340 Probability PHYS 221, 222	MATH 140 Basic Stat MATH 191 PreCalc or higher Math.
Elect:	15-Units 5 Units	10-Units 5 Units	35-Units 15 Units (can apply units from a Minor)
Senior Seminar:	CMPS 490 + (CMPS 420 OR CMPS 322) + (CMPS 457 OR CMPS 432)	CMPS 490	CMPS 490 + (CMPS 435 OR CMPS 442 OR CMPS-465 CMPS 456)
Units:	113 Units	118 Units	111 Units

Scheduling of Electives/400-level ** taught as overload	2008/9 Even	2009/10 Odd	PROPOSED	
			2010/11 Even	2011/12 Odd
CMPS 322 Digital Design w/VHDL	X		X	
CMPS 340 Intro Digital Forensics	X	X		(postponed)
CMPS 420 Embedded Systems	X			X
CMPS 421 Adv. Architecture		X**		(postponed)
CMPS 422 Digital Signal Proc. (DSP)		X		(postponed)
CMPS 432 Instr., Control & Data. Acq.		X		X
CMPS 435 Advanced Software Eng.	X			(postponed)
CMPS 442 Advanced Database Systems	X			X
CMPS 450 Compiler Construction		X**		X
CMPS 456 Advanced AI			X	
CMPS 457 Robotics	X		X	
CMPS 473 Computer Game Design	X	X	X	X
CMPS 476 Advanced Comp. Net. and Sec.		X		X