

SOFTWARE ENGINEERING MATRIX
Start in 2009-10 in CS, Transfer after 1 Term

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6	TERM 7	TERM 8
Math 1003 Intro to Calculus I (4-0-0)	☐ Math 1013 Intro to Calculus II (4-0-0)	☐ CS 2023 Procedural Programming (3-0-2)	☐ CS 2043 Software Eng I (3-1-2)	☐ CS 3613 Programming Languages (3-0-0)	☐ CS 3043 Software Eng II (3-0-2*)	☐ SWE 4040 Design Project 0-0-6)	☐
3	3	4	4	3	4	3	3
☐ CS 1303 Discrete Structures (3-1-0)	☐ CS1003*** Programming & Prob Solving (3-1-3*)	☐ Math 1503 Intro to Linear Algebra (3-0-0)	☐ INFO 2103 Info Systems (replaces CS2513) (3-0-2)	☐ CS 3323 Intro to Data Structures (3-1-2)	☐ CS3413 Operating Sustems 1 (3-0-0)	☐ SWE 4103/4203 Software Quality OR Software Evol (3-0-3*)	☐ CMPE 3232 Embedded Systems Design (3-0-2) (replaces ME2613)
4	4	3	4	4	4	4	4
☐ CS 1073 Computer Prog in Java (3-1-2)	☐ CS1083 Comp Sci Concepts (3-1-2)	☐ CSE Writing (replaces ENGG1013 P1) (3-0-3)	☐ CS 2333 Computation & FL (3-1-0)	☐ CMPE 3221 Computer Org (3-1-3*)	☐ CS 3503 System Analysis and Design (3-1-0)	☐ CS 3933 Algorithms (3-1-0)	☐ TE
4	4	3	4	4	4	4	4
☐ CSE HSS	☐ EE 1813 E & M (3-1-3*)	☐ EE 2701 Electric Circuits (3-1-3*)	☐ CMPE 2412 Sim & Analysis (3-0-3)	☐ SWE 4103/4203 Software Quality OR Software Evol (3-0-3*)	☐ CMPE 3812 Data Comm and Networks (3-0-3*)	☐ ENGG 4013 Law & Ethics (3-0-0)	☐ TE
3	4	4	4	4	4	3	4
	☐ APSC 1013 Mechanics I (3-0-3)	☐ CMPE 2213 Digital Systems I (3-1-3*)	☐ CHEM 1882 Chemistry (3-1-2)	☐ STAT 2593 Probability & Statistics ((3-0-0)	☐ CMPE 3242 Computer Arch (3-1-3*)	☐ BAS SCI	☐ CSE open
	5	4	5	3	4	5	3
☐	☐ BAS SCI		☐	☐ CSE HSS Short list	☐ CSE Eng. Economics (CE 3963/ME 3232) (3-0-0)	☐ TE	☐ EE 4913 Project (replaces ENGG1013 P2)
	3			3	3	4	4
14	23	18	21	21	23	23	22

Total Ch: 165
CSE - Complementary Studies Elective
**** Replaces APSC 1023: Mechanics II*
TE - Technical Elective
BAS SCI Basic Science Elective

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