

SOFTWARE ENGINEERING MATRIX - Start in 2006-07

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 1303 Discrete Structures (3-1-0)	CS 2023 Procedural Programming (3-0-2)	CS 2013 Software Eng I (3-1-2)	CS 3013 Software Eng II (3-0-2*)	SWE 4040 Design Project (0-0-6)	
3	3	4	4	4	4	3	3
Math 1503 Intro to Linear Algebra (4-0-0)	EE 1813 E & M (replaces EE 1013) (3-1-3*)	STAT 2593 Probability & Statistics (3-0-0)	CS 2513 Intro to Information Systems (3-1-0)	CS 3413 Operating Systems I (3-0-0)	CS 3913 Algorithms (3-1-0)	SWE 4103 Software Quality and Proj Management (3-0-3*)	SWE 4203 Software Evol and Maintenance (3-0-3*)
3	4	3	4	4	4	4	4
CS 1073 Computer Prog in Java (3-1-2)	CS1083 Computer Prog II (3-1-2)	EE 2701 Electric Circuits (replaces EE 2723) (3-1-3*)	CS 2333 Computation & FL (replaces CS2303) (3-1-0)	CS 3323 Intro to Data Structures (3-1-2)	CMPE 3812 Data Com & Ntwks (replaces CMPE 3543) (3-0-3*)	ENGG 5002 Law (2-0-0)	ENGG 4003 Engineering Profession (2-0-0)
4	4	4	4	4	4	2	2
APSC 1013 Mechanics I (3-0-3)	APSC 1023 Mechanics II (3-0-3)	CMPE 2213 Digital Systems I (replaces EE 2213) (3-1-3*)	ME 2613 System Dynamics (3-0-2*)	CS 3503 System Analysis and Design (3-1-0)	CMPE 3242 Computer Arch (replaces EE3232) (3-1-3*)	CS 4613 Programming Languages (3-0-0)	TE
5	5	4	4	4	4	4	4
ENGG 1013 Design and Communication (3-3-3)	CHEM 1882 Chemistry (3-0-3)	CSE Eng. Economics (CE 3963/ME 3232) (3-0-0)	CMPE 2412 Sim & Analysis (replaces CMPE 2013) (3-1-2)	CMPE 3221 Computer Org (replaces EE3221) (3-1-3*)	CSE Humanities	CSE	TE
6	5	3	4	4	3	3	4
		BAS SCI	BAS SCI	CSE Humanities		TE	
		3	3	3		4	
21	21	21	23	23	19	20	17

Total Ch: 165

CSE - Complementary Studies Elective

TE - Technical Elective

BAS SCI Basic Science Elective

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