SOFTWARE ENGINEERING MATRIX **Start in 2007-08**

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) 3	**Math 1013** Intro to Calculus II (4-0-0) 3	**CS 2023** Procedural Programming (3-0-2) 4	**CS 2043** Software Eng I (3-1-2) 4	**CS 3503** System Analysis and Design 3-1-0) 4	**CS 3043** Software Eng II (3-0-2*) 4	**SWE 4040** Design Project 0-0-6) 3	3
Math 1503 Intro to Linear Algebra (4-0-0) 3	**EE 1813** E & M (replaces EE 1013) (3-1-3*) 4	**CS 1303** Discrete Structures (3-1-0) 4	**CS 2513** Intro to Information Systems (3-1-0) 4	**CS 3323** Intro to Data Structures (3-1-2) 4	**CS3413** Operating Sustems 1 (3-0-0) 4	**SWE 4103/4203** Software Quality OR Software Evol (3-0-3*) 4	**CMPE 3232** Embedded Systems Design (3-0-0) 4 (replaces ME2613)
CS 1073 Computer Prog in Java (3-1-2) 4	**CS1083** Computer Prog II (3-1-2) 4	**STAT 2593** Probability & Statistics ((3-0-0) 3	**CS 2333** Computation & FL (replaces CS2303) (3-1-0) 4	**CMPE 3221** Computer Org (replaces EE3221) (3-1-3*) 4	**CS 3913** Algorithms (3-1-0) 4	**ENGG 4013** Law & Ethics (3-0-0) 3	**TE** 4
APSC 1013 Mechanics I (3-0-3) 5	**APSC 1023** Mechanics II (3-0-3) 5	**EE 2701** Electric Circuits (replaces EE 2723) (3-1-3*) 4	**CMPE 2412** Sim & Analysis (replaces CMPE 2013) (3-1-2) 4	**SWE 4103/4203** Software Quality OR Software Evol (3-0-3*) 4	**CMPE 3812** Data Comm and Networks (3-0-3*) 4	**CS 4613** Programming Languages (3-0-0) 4	**TE** 4
ENGG 1013 Design and Communication (3-3-3) 6	**CHEM 1882** Chemistry (3-0-3) 5	**CMPE 2213** Digital Systems I (replaces EE 2213) (3-1-3*) 4	**CSE** Eng. Economics (CE 3963/ME 3232) (3-0-0) 3	**CSE** Humanities 3	**CMPE 3242** Computer Arch (replaces EE3232) (3-1-3*) 4	**CSE** 3	**CSE** 3
		BAS SCI 3	**BAS SCI** 3			**TE** 4	
21	21	22	22	19	20	21	18

Total Ch: 164

CSE - Complementary Studies Elective

TE - Technical Elective

BAS SCI Basic Science Elective

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