

**ELECTRICAL ENGINEERING MATRIX - Start 2008-2012**

Biomedical Option

Student Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

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 <input type="checkbox"/>	Math 1013 Intro to Calculus II (4-0-0) 3 <input type="checkbox"/>	Math 2513 Multivariable Calculus (4-0-0) 4 <input type="checkbox"/>	MATH 3503 Differential Equations (3-1-0) 3 <input type="checkbox"/>	EE 3111 Electronics I (3-1-3) 4 <input type="checkbox"/>	EE 3122 Electronics II (3-1-3*) 4 <input type="checkbox"/>	EE 4040 EE Design Project - BIO PROJECT (0-0-6) 3 <input type="checkbox"/>	<input type="checkbox"/>
Math 1503 Linear Algebra (3-3-3) 3 <input type="checkbox"/>	EE 1813 Electricity & Magnetism (3-1-3*) 4 <input type="checkbox"/>	Open TE  BIOL 2033 Recommended <input type="checkbox"/>	EE 2722 Circuits & Sci (3-1-3*) 4 <input type="checkbox"/>	EE 3511 Signals (3-1-3*) 4 <input type="checkbox"/>	EE 3312 Systems & Control (3-0-3) 4 <input type="checkbox"/>	ENGG 4013 Law & Ethics (2-0-0) 3 <input type="checkbox"/>	CSE  <input type="checkbox"/>
CS 1003 Programming and Problem Solving (3-1-2) 4 <input type="checkbox"/>	CS 1023 Data Structures and Algorithms (3-1-2) 4 <input type="checkbox"/>	EE 2711 Electric Circuits (3-1-3*) 4 <input type="checkbox"/>	BIO 2043 Cell Biology (3-1-2) 3 <input type="checkbox"/>	EE 3031 Elect Design (3-1-3+) 4 <input type="checkbox"/>	EE 3613 Machines (3-1-3*) 4 <input type="checkbox"/>	ME 3232 Eng Econ (3-0-3) 3 <input type="checkbox"/>	BIO TE (Area Elective) <input type="checkbox"/>
APSC 1013 Mechanics I (3-0-3) 5 <input type="checkbox"/>	APSC 1023 Mechanics II (3-0-3) 5 <input type="checkbox"/>	BAS SCI  BIOL 1001 <input type="checkbox"/>	STAT 2593 Probability & Statistics ((3-0-0) 3 <input type="checkbox"/>	CMPE 3221 Computer Organization (3-1-3*) 4 <input type="checkbox"/>	CMPE 3232 Embedded System Design (3-1-3*) 4 <input type="checkbox"/>	BIO CORE  <input type="checkbox"/>	BIO TE (Area Elective) <input type="checkbox"/>
ENGG 1013 Design & Comm (3-3-3) 6 <input type="checkbox"/>	CHEM 1882 Chemistry (3-1-3) 5 <input type="checkbox"/>	CMPE 2213 Digital Systems I (3-1-3*) 4 <input type="checkbox"/>	CMPE 2412 Simulaton & Analysis  4 <input type="checkbox"/>	HSS   3 <input type="checkbox"/>	CSE   3 <input type="checkbox"/>	EE 3821 Electromagnets I (3-1-3*) 4 <input type="checkbox"/>	EE 3832 Electromagnetic II (3-1-3*) 4 <input type="checkbox"/>
		OPEN TE  CHEM2401 Recommended <input type="checkbox"/>	OPEN TE  BIOL 2053 Recommended <input type="checkbox"/>			Open TE  BIO 2792 Recommended <input type="checkbox"/>	HSS Tech & Society <input type="checkbox"/>
21	21	21	20	19	19	20	21

Total Ch: 162

CSE - Complementary Studies Elective


TE - Technical Elective

BAS SCI Basic Science Elective

Recommended Open TE's (\* Priority)

\*BIO 2033, \*BIO 2053, BIO 2073, BIO 2752, \*BIO 2792

\*CHEM 2401, CHEM 2422

 differs from regular EE program