

Name \_\_\_\_\_ I.D. No. \_\_\_\_\_

## COMPUTER ENGINEERING Curriculum Sheet Revised 10-29-07

<b><u>Fall Semester – Year 1</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>	<b><u>Spring Semester – Year 1</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>
ENG 101 English I	4	_____	ENG 102 English II	3	_____
MTH 181 Calculus I	4	_____	MTH 182 Calculus II	4	_____
CHM 261 General Chemistry I	4	_____	PHY 243 University Physics I (Writing)	5	_____
CHM 266 General Chemistry Laboratory I	1	_____	CIS 260 Introduction to Programming	4	_____
ESC 100 New Student Orientation*	1	_____	CSC 121 Career Orientation**	1	_____
ESC 120 Introduction to Engr. Design***	2	_____			
<b><u>Fall Semester – Year 2</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>	<b><u>Spring Semester – Year 2</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>
MTH 284 Matrices for Engineers	2	_____	EEC 311 Electric Circuits II	4	_____
PHY 244 Univ. Physics II (Writing)	5	_____	EEC 313 Electronics I	4	_____
ESC 250 Differential Equations for Engineers	3	_____	CIS 334 Fundamentals of Microcomputer Architecture	2	_____
EEC 310 Electric Circuits I	4	_____	CIS 340 C/C++ for Systems Programming	2	_____
CIS 265 Data Structures and Algorithms	4	_____	ESC 310 Engineering Statistics & Probability	3	_____
			Gen Ed Elective _____	3	_____
<b><u>Fall Semester – Year 3</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>	<b><u>Spring Semester – Year 3</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>
EEC 316 Electronic Devices Lab	1	_____	EEC 483 Computer Organization	4	_____
EEC 382 Digital Systems	4	_____	ESC 282 Engineering Economy	3	_____
CIS 345 Architecture & OS	4	_____	ESC _____ Engineering Science Elective	3	_____
MTH 220 Discrete Mathematics	4	_____	PHL 215 Engineering Ethics (Writing)	3	_____
Gen Ed Elective _____	3	_____	Gen Ed Elective _____	3	_____
Gen Ed Elective _____	3	_____			
<b><u>Fall Semester – Year 4</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>	<b><u>Spring Semester – Year 4</u></b>	<b><u>Cr.</u></b>	<b><u>Grade</u></b>
EEC 480 Modern Digital Design	4	_____	EEC 482 Computer Engineering Lab	2	_____
EEC 481 Digital Systems Lab II	2	_____	EEC 490 Senior Design	4	_____
EEC 484 Computer Networks	4	_____	EEC Tech. Elective _____	4	_____
EEC 485 High Performance Architectures	4	_____	EEC Tech Elective _____	4	_____
EEC Tech. Elective _____	4	_____	Gen Ed Elective _____	3	_____

\* Not required for transfer students

\*\*Optional course. Required for participation in co-op and internship programs.

\*\*\*Requirement for freshmen and transfer students admitted to Engineering College Fall 2003 and after.

Minimum number of credits required for degree (excluding orientation and co-op): 137