Four-Year Course Progression for CME

FALL		FIRST YEAR		SPRING		FIRST YEAR	
Sub./Course No.	**Tier**	**Title**	**Credit**	**Sub./Course No.**	**Tier**	**Title**	**Credit**
ENGR 100	1	Freshman Seminar (FYEX)	1	CIS 211		Computer Language Concepts	4
ENGR 101		Engineering I	3	ENGR 102		Engineering II	3
MATH 201	1	Calculus I (MA)	4	MATH 208		Calculus II	4
Core Curriculum	1	ENGL 101	3	Core Curriculum	1	ENGL 104	3
CIS 104		Introduction to Computer and Information Sciences	3	Core Curriculum	1	History	3
		TOTAL	**14**			**TOTAL**	**17**
FALL		**SECOND YEAR**		**SPRING**		**SECOND YEAR**	
Sub./Course No.	**Tier**	**Title**	**Credit**	**Sub./Course No.**	**Tier**	**Title**	**Credit**
CPE 221		Introduction to Electrical Engineering	3	CPE 224		Electrical Circuits	3
CPE 222		Electrical Engineering Lab	1	CPE 225		Electrical Circuits Laboratory	1
MATH 254		Discrete Mathematics	3	PHYS 222	1	General Physics II (LS)	3
PHYS 221	1	General Physics I (LS)	3	PHYS 222L	1	General Physics II Laboratory (LS)	1
PHYS 221L	1	General Physics I Laboratory (LS)	1	MATH 309		Calculus III	4
Core Curriculum	2	Choose SO-GL or MD with advisor	3	Core Curriculum	1	Choose AR with advisor	3
		TOTAL	**14**			**TOTAL**	**15**
FALL		**THIRD YEAR**		**SPRING**		**THIRD YEAR**	
Sub./Course No.	**Tier**	**Title**	**Credit**	**Sub./Course No.**	**Tier**	**Title**	**Credit**
CPE 234		Introduction to Networking	3	CPE 305		Digital Logic Design and Lab	4
MATH 321		Probability and Statistics	3	MATH 310		Differential Equations	4
ECON 205	2	Principles of Macroeconomics (SO-CK)	3	CPE 386		Computer Organization	4
CHEM 207		General Chemistry	3	Core Curriculum	2	Choose HM-GL or MD with advisor	3
GSPE 210	2	Fitness for Life (WE)	3			**TOTAL**	**15**
		TOTAL	**15**				
FALL		**FOURTH YEAR**		**SPRING**		**FOURTH YEAR**	
Sub./Course No.	**Tier**	**Title**	**Credit**	**Sub./Course No.**	**Tier**	**Title**	**Credit**
CPE 489		Engineering Capstone Project (WM and CP)	1	CPE 490		Engineering Capstone Project II (WM and CP)	2
CIS 390		Operating Systems	3	CPE 433		Microprocessor System Design and Lab	4
CPE 421		Computer Architecture	3	ENGR 326		Linear Systems	3
MATH 307		Introduction to Linear Algebra	3	Elective		Technology Elective	3
Elective		Technology Elective	3	Core Curriculum	2	Choose SO-GL or MD with advisor	3
Core Curriculum	2	Choose HM-GL or MD	3			**TOTAL**	**15**
		TOTAL	**16**				
8/15/11						**DEGREE TOTAL**	**120**