

FRESHMAN YEAR

1ST SEMESTER		2ND SEMESTER	
OREN 0100 Orientation I	1	OREN 0101 Orientation II	1
ENGL 0101 English Composition	3	ENGL 0102 English Composition	3
MATH 0207 Calculus I	4	MATH 0208 Calculus II	4
EENG 0192 Freshman Engr. Des.	3	EENG 0210 Python Programming	3
CHEM 0231 General Chemistry	4	PHYS 0310 General Physics I	3
CHEM 0233 General Chemistry Lab	1	PHYS 0313 General Physics I Lab	1
Physical Education	1	Physical Education	1
Semester credits	17	Semester credits	16

SOPHOMORE YEAR

1ST SEMESTER		2ND SEMESTER	
EENG 0221 Linear Net. & Circ. I	3	EENG 0322 Linear Net. & Circ. II	3
EENG 0221L Circuits I Lab	1	EENG 0322L Circuits II Lab	1
MATH 0209 Calculus III	4	ENGL 0203* Technical Writing	3
HIST 0103 SBS elective*	3	HIST 0104 SBS elective*	3
PHYS 0311 General Physics II	3	CSCI 0229 C++ Programming	3
PHYS 0314 General Physics II Lab	1	EENG 0260 Intro. to Logic Circ.	3
HFA elective (music/arts)	2	EENG 0260L Intro. to Logic Circ. Lab	1
Semester credits	17	Semester credits	17

1ST SEMESTER		2ND SEMESTER	
COEG 0300 Discrete Math for Engineers	3	COEG 0305 Fund Cyber Security Engineering	3
MENG 0237 Engr. Prob. & Stat.	3	COEG 0311 Data Structures and Algorithms	3
EENG 0225 Diff. Eq. & Linear Alg.	4	EENG 0323 Signals & Systems	3
EENG 0325 Electronics I	3	EENG 0390 Engineering Ethics	3
EENG 0325LElectronics I Lab	1	Science Elective	3
EENG 0360 Microprocessors	3		
Semester credits	17	Semester credits	15

1ST SEMESTER		2ND SEMESTER	
COEG 0410 Computer Hardware Design	3	COEG 0411 Hardware Security	3
COEG 0405 Internet of Things	3	EENG 0441 EIT Review	0
COEG 0470 Senior Design I	2	COEG 0471 Senior Design 2	2
EENG 0425 Computer Network Design	3	MENG 049.07 Tm 0 g 0 G [(M)6(A)4(T)-5e3	