

## COMPUTER ENGINEERING

### Recommended course plan

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	Writ 101 - First Year Writing I	3	Writ 102 - First Year Writing II	3
	Chem 105/115 – General Chemistry I	4	Math 262 – Calculus II	3
	Math 261 – Calculus I	3	Phys 211/221 – Calc-based Physics I	4
	EI E 100 – Intro to Electrical Engr.	1	EI E 235/236 – Principles of Digital Systems	4
	CSCI 256 – Programming in Python	3	Humanities	3
	Social Science	3		
	<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>17</b>
SOPHOMORE	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 212/222 – Calc-based Physics II	4	Math 353 – Differential Equations	3
	ENGR 360 – Electric Circuit Theory	3	ENGR 310 – Engineering Analysis I	3
	EI E 385/386 – Advanced Digital Systems	4	ENGR 361 – Circuits Lab	1
	EI E 237 – Elec. Engr Tools and Toys	1	CSCI 356 – Data Structures in Python	3
	Fine Arts	3	Humanities or Fine Arts	3
	<b>TOTAL CREDIT HOURS</b>	<b>18</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
JUNIOR	EI E 351 – Electronics Circuits I	3	EI E 352/353 – Electronics Circuits II	4
	EI E 485/486 – Microprocessor Systems	3	EI E 367 – CAD in Electrical Engineering	3
	EI E 331 – Linear Systems	3	CSCI 433 – Algor. Data Structures	3
	Math 301 – Discrete Math	3	Cp E 431 – Computer Architecture	3
	CSCI 423 – Intro to Operating Systems	3	Technical Elective	3
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
SENIOR	Cp E 461 – Senior Design I	1	Cp E 462 – Senior Design II	2
	EI E 425 – Local Area Network	3	Econ 310 – Engineering Economy	3
	Technical Elective	3	Technical Elective	3
	Technical Elective	3	Technical Elective	3
	Technical Elective	3	Social Science, Humanities or Fine Arts	3
<b>TOTAL CREDIT HOURS</b>	<b>13</b>	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	
<b>MINIMUM TOTAL CREDIT HOURS</b>				<b>126</b>



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