

## Western Carolina - Electrical Engineering

(Unofficial Community Colleges to UNC-Charlotte)

Degree Earned: Western Carolina - Bachelor of Science – Electrical Engineering

Transfer GPA = 2.5

Effective: 2016

Grey Highlighted Courses – Take Courses at Western Carolina

### FRESHMAN YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
	Perspective	3	Western	EE 200 Computer Utilization	3
EGR 150	ENGR 199 Introduction to Engr/Principles I	3	MAT 272	MATH 255 Calculus II	4
CHM 151	CHEM 139 General Chemistry	4	PHY 251	PHYS 230 General Physics I	4
MAT 271	MATJ 153 Calculus 1	4	COM 231	COMM 201	3
Western	Wellness	3	ENG 111	ENGL 101	3
<b>17</b>					<b>17</b>

### SOPHOMORE YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
Western	ENGR 200 Engr/Prac/Prin. II	3	ENG 112	ENGL 202 Composition	3
Western	EE 201 Network Theory I	3	Western	EE 202 Network Theory II	3
Western	EE 211 Instrumentation and Networks Lab	1	Western	EE 212 Logic & Networks Lab	1
EGR 212	EE 221 Logic System Design I	3	MAT 273	MATH 256 Calculus III	4
MAT 285	MATH 320 Differential Equations	3	Western	PHYS 310 Modern Physics	3
PHY 252	PHYS 231 General Physics II	3			
<b>16</b>					<b>14</b>

### JUNIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
Western	EE 311 Systems & Electronics Lab	1	Western	EE 322 Electromagnetic Waves	3
Western	EE 321 Electromagnetics Field	3	Western	EE 332 Electronics	3
Western	EE 331 Fund. Electronics & Semiconductors	3	Western	EE 312 Electronic Devices Lab	1
Western	EE 351 System Analysis	3	Western	ENGR 402 System Dynamics & Contrl	3
Western	MATH 370 Probability and Statistics	3		Perspective	3
ECO 251, PSY 150, SOC 210	Perspective – Social Science	3		Perspective	3
<b>16</b>					<b>16</b>

### SENIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
Western	ENGR 400 Engineering Capstone I	3	Western	ENGR 450 Engineering Capstone II	3
Western	EE 411 Analog and Digital Communication	3	Western	EE 413 Digital Communications Systems	3
Western	EE 421 Digital Systems Design	3	Western	EE 424 Digital Signal Processing	3
Western	Technical Elective	3		Perspective	3
	Perspective	3		Perspective - upper level course	3
<b>15</b>					<b>15</b>

**Western Carolina - Minimum Credit Hours Required for Graduation in Electrical Engineering**

**126**