

UNC-Charlotte Electrical Engineering

(Unofficial Community Colleges to UNC-Charlotte)

Degree Earned: UNC-Charlotte Bachelor of Science – Electrical Engineering

Transfer GPA = 2.5

Effective: 2017

Grey Highlighted Courses – Take Courses at UNC-Charlotte

FRESHMAN YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
ART, MUS	LBST 1100 series: Arts & Society	3	ENG 112	UWRT 1104 Writing & Inquiry in Academic Contexts II	3
EGR 150	ENGR 1201 Engr Practices & Principles I	2	UNC-C	ENGR 1202 Engr Practice and Principles II	2
CHM 151	CHEM 1251 Principles of Chemistry	3	PHY 251	PHYS 2101 Physics for Science & Engr I	3
CHM 151	CHEM 1251L Chemistry Laboratory	1	PHY 251	PHYS 2101L Physics for Science & Engr Lab	1
CSC 134	ECGR 2103 Computer Utilization in C++	3	Soc Sec	LBST 2101	3
MAT 271	MATH 1241 Calculus I	3	MAT 272	MATH 1242 Calculus II	3
		15			15

SOPHOMORE YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ECGR 2111 Network Theory I	3	UNC-C	ECGR 2112 Network Theory II	3
UNC-C	ECGR 2155 Instrumentation and Networks Lab	1	UNC-C	ECGR 2156 Logic and Networks Laboratory	1
EGR 212	ECGR 2181 Logic System Design I	3	UNC-C	ECGR 2252 ECE Sophomore Design	2
MAT 285	MATH 2171 Differential Equations	3	MAT 273	MATH 2241 Calculus III	3
PHY 252	PHYS 2102 Physics for Science & Engr II	3	UNC-C	PHYS 3141 Introduction to Modern Physics	3
	LBST 2301 Critical Thinking and Communication	3	MAT 280	MATH 2164 Matrices and Linear Algebra	3
		16			15

JUNIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ECGR 3111 Signals & Systems	3	UNC-C	ECGR 3122 Electromagnetic Waves	3
UNC-C	ECGR 3121 Intro to Electromagnetic Fields	3	UNC-C	ECGR 3132 Electronics	3
UNC-C	ECGR 3131 Fundamentals of Elec. & Semiconductors	3	UNC-C	ECGR 3142 Electromagnetic Devices or ECGR 3133 Solid State Microelectronics I	3
UNC-C	ECGR 3155 Systems & Electronics Lab	1	UNC-C	ECGR 3156 Electro & Electronic Devices Lab	1
UNC-C	STAT 3128 Probability & Statistics for Engr	3	UNC-C	ECGR 3112 System Analysis II	3
PHI 240	LBST 2200 series: Ethical Issues & Cultural Critique	3	UNC-C	ECGR 3157 ECE Junior Design	2
			UNC-C	ENGR 3295 Professional Development	1
		16			16

SENIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ECGR 4241 Senior Design I	2	UNC-C	ECGR 4242 Senior Design II	3
UNC-C	ECGR 4123 Analog and Digital Communication or ECGR 4124 Digital Signal Processing	3	UNC-C	MEGR 3111 Thermodynamics I	3
UNC-C	ECGR 4xxx Course	3	UNC-C	ECGR 4xxx Course	3
UNC-C	ECGR 4xxx Course	3	UNC-C	ECGR 4xxx Course	3
UNC-C	ECGR 3159 Professional Practice	2	ECO 251	ECON 2101 Principles of Macro Economics or ECON 2102 Principles of Micro Economics	3
UNC-C	Technical Elective	3			
		16			15

UNC-Charlotte - Minimum Credit Hours Required for Graduation in Electrical Engineering

124