

Central Carolina Technical College & Clemson University: Engineering Course Equivalencies

CU COURSE	BioEngr.	Biosystems/ Environmental	Civil	Chemical	Computer/ Electrical	Industrial	Materials Science	Automotive/ Mechanical
<i>General Engineering Requirements: Highlighted in purple</i>								
You must achieve a grade of 'C' or higher in all General Engineering courses before changing your major into a specific engineering major. General Engineering courses are recommended prior to transfer, but not required.								
CH 1010	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110
ENGL 1030	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102
ENGR 1020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENGR 1410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATH 1060	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140
MATH 1080	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141
PHYS 1220 + 1240	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221
<i>Additional coursework that may be taken towards a Clemson University Engineering Degree, by major</i>								
BIOL 1030 + 1050	BIO 101	BIO 101				<i>BIO 101^a</i>		
CH 1020	CHM 111	CHM 111		CHM 111	<i>CHM 111**</i>	<i>CHM 111^a</i>	CHM 111	
CH 2230 + 2270	<i>CHM 211^b</i>	CHM 211		CHM 211			CHM 211	
CH 2240 + 2280	<i>CHM 212^b</i>			CHM 212			CHM 212	
COMM 2500		SPC 205			SPC 205	SPC 205	SPC 205	
MATH 2060	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240
MATH 2080	MAT 242	MAT 242	MAT 242	MAT 242	MAT 242		MAT 242	MAT 242
PHYS 2210 + 2230	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222
	Bioengr.	Biosystems/Envi ronmental	Civil	Chemical	Computer/Ele ctrical	Industrial	Materials Science	Automotive/ Mechanical

^a Options to complete IE lab science requirement, only one is required

^b Encouraged for those pursuing medical school

*CHE students should take Clemson's CHE 1300 online over the summer prior to transfer to stay on track in the Chemical Engineering program.

** Electrical Engineering requires Gen Chem II, but Computer Engineering does not

Students desiring to transfer into one of Clemson's 11 engineering majors must have completed a minimum of 30 hours of transferrable coursework with a minimum GPA of 2.7. This is a minimum requirement to be evaluated, and does not mean certain acceptance. The Undergraduate Admissions office makes all decisions on student acceptance. Admissions Office: 105 Sikes Hall, 864-656-2287. This worksheet is intended as information only and does not imply a contract with Clemson University. Courses valid as of 2019. All curricula are available online at: www.catalog.clemson.edu. If you have questions or need further advice, please contact the CECAS Transfer Director: Karen Thompson, at kt@clemson.edu or 864-656-2543