Greenville Technical College & Clemson University: Engineering Course Equivalencies

CU COURSE	BioEngr.	Biosystems	Civil	Chemical	Computer	Electrical	Enviro.	Industrial	Materials Science	Mech.
General Engineering Requirements: (Highlighted in purple) are recommended prior to transfer, but not required. You must achieve a grade of 'C' or higher in all General Engineering courses before changing your major into a specific engineering major.										
CH 1010	CHM 110	CHM 110	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	ENG 102	ENG 102
ENGR 1020	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269	EGR 269
ENGR 1410	EGR 270	EGR 270	EGR 270	N/A*	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270
MATH 1060	MAT 140	MAT 140	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	MAT 141	MAT 141
PHYS 1220 + 1240	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221	PHY 221
Additional GTC coursework that may be taken towards a Clemson University Engineering Degree, by major										
BIOL 1030 + 1050	BIO 101	BIO 101					BIO 101	*BIO 101[a]*		
CE 2010	EGR 260	EGR 260	EGR 260				EGR 260	EGR 260	EGR 260	*See ME 2010: EGR 260+262[e]***
EM 2020 / CE 2080		EGR 262	EGR 262				EGR 262			
CH 1020	CHM 111	CHM 111		CHM 111		CHM 111	CHM 111	*CHM 111[a]*	CHM 111	
CH 2230 + 2270	*CHM 211[d]*	CHM 211		CHM 211			CHM 211		CHM 211	
CH 2240 + 2280	*CHM 212[d]*			CHM 212					CHM 212	
COMM 2500			SPC 205		SPC 205	SPC 205		SPC 205	SPC 205	
CPSC 1110					CPT 234	CPT 234				
ECE 2010 + 2090	*ECE 211[c]+ 210[c]*				*ECE 211+210*	*ECE 211+210*				
ECE 2020 + 2110	*ECE 221+220[c]*				ECE 221+220	ECE 221+220				
ECE 2070 + 2080	*ECE 221+220[b]*	*ECE 221+220*		ECE 221+220				ECE 221+220		ECE 221+220
ECE 2620 + 2120	*ECE 222+225[c]*				ECE *222+225*	ECE *222+225*				
ECE 2720 +2730					ECE 212+215	ECE 21 +215				
ENGR 2100 *OR* 2080	EGR 275	EGR 210	EGR 210				EGR 210	EGR 275	EGR 275	EGR 275
MATH 2060	MAT 240	MAT 240	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		MAT 242	MAT 242
ME 2010**										*EGR 260 +262[e]***
ME 2030**										*EGR 203***
ME 2040**										*EGR 204***
MSE 2100	EGR 206							EGR 206	EGR 206	EGR 206
PHYS 2210 + 2230	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222
	Bioengr.	**Biosystems**	**Civil**	**Chemical**	**Computer**	**Electrical**	**Enviro.**	**Industrial**	**Materials Science**	**Mech.**

[a] Options to complete lab science requirement
[b] For Bioengineering majors pursuing the biomaterials concentration
[c] For Bioengineering majors pursuing the bioelectrical concentration
[d] Encouraged for those pursuing medical school
[e] Must take both courses prior to enrolling at CU to transfer these courses for ME

**These courses cannot be taken anywhere other than Clemson if the student has previously been enrolled at Clemson University.
*CHE students should take Clemson's CHE 1300 online over the summer prior to transfer to stay on track.

Students desiring to transfer into one of Clemson's 10 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 2021. All curricula are available online at: www.catlog.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.