

Greenville Technical College & Clemson University: Engineering Course Equivalencies

CU COURSE	BioEngr.	Biosystems/ Environmental	Civil	Chemical	Computer/ Electrical	Industrial	Materials Science	Automotive/ Mechanical.
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	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
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				BIO 101 ^a		
CE 2010/ ME 2050 *	EGR 260	EGR 260	EGR 260			EGR 260	EGR 260	EGR 260**
CE 2080/ ME 2060*		EGR 262	EGR 262					EGR 262**
CH 1020	CHM 111	CHM 111		CHM 111	CHM 111 ^{ee}	CHM 111 ^a	CHM 111	
CH 2230 + 2270	CHM 211 ^d	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	
CPS 1110					CPT 234			
ECE 2010 + 2090	ECE 211 ^c + 210 ^c				ECE 211+210			
ECE 2020 + 2110	ECE 221+220 ^c				ECE 221+220			
ECE 2070 + 2080	ECE 221+220 ^b	ECE 221+220 ^a		ECE 221+220		ECE 221+220		ECE 221+220
ECE 2620 + 2120	ECE 222+225 ^c				ECE 222+225			
ECE 2720 +2730					ECE 212 +215			
ENGR 2100 OR 2080	EGR 275	EGR 210	EGR 210			EGR 275	EGR 275	EGR 275
GEOL 1010+1030		GLY 101 ^e	GLY 101			GLY 101 ^a		
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
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
	Bioengr.	Biosystems/ Environmental	Civil	Chemical	Electrical	Industrial	Materials Science	Automotive/ Mech.

^a Options to complete science requirement (see curriculum)

^b For BioE majors pursuing the biomaterials concentration

^c For BioE majors pursuing the bioelectrical concentration

^d Encouraged for those pursuing medical school

^e Geology is required for EnvE, but not BE

^{ee} CH 1020 is required for Electrical, but not Computer Engineering

** Must take ME 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. Only offered in Spring/Summer.

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 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 2023. All curricula are available online at: www.catalog.clemson.edu. If you need further advice, contact: Karen Thompson, at kt@clemson.edu.