

## York 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.								
<b>CH 1010</b>	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110	CHM 110
<b>ENGL 1030</b>	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102	ENG 102
<b>ENGR 1020</b>	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270	EGR 270
<b>ENGR 1410</b>	N/A	N/A	N/A	--*	N/A	N/A	N/A	N/A
<b>MATH 1060</b>	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140	MAT 140
<b>MATH 1080</b>	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141	MAT 141
<b>PHYS 1220 + 1240</b>	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>								
<b>BIOL 1030 + 1050</b>	BIO 101	BIO 101				<i>BIO 101<sup>a</sup></i>		
<b>CH 1020</b>	CHM 111	CHM 111		CHM 111	<i>CHM 111<sup>e</sup></i>	<i>CHM 111<sup>a</sup></i>	CHM 111	
<b>CH 2230 + 2270</b>	<i>CHM 211<sup>b</sup></i>	CHM 211		CHM 211			CHM 211	
<b>CH 2240 + 2280</b>	<i>CHM 212<sup>b</sup></i>			CHM 212			CHM 212	
<b>CE 2010</b>	EGR 260	EGR 260	EGR 260			EGR 260	EGR 260	EGR 260 **
<b>EM 2020/CE 2080</b>		EGR 262	EGR 262					EGR 262 <sup>d**</sup>
<b>COMM 2500</b>		SPC 205			SPC 205	SPC 205	SPC 205	
<b>ENGR 2090</b>						EGR 275		
<b>ECE 2010</b>	<i>ECE 211<sup>c</sup></i>				ECE 211			
<b>ECE 2020</b>	ECE 221				ECE 221	ECE 221		ECE 221
<b>ECE 2620</b>	<i>ECE 222<sup>c</sup></i>				ECE 222			
<b>ECE 2720</b>	ECE 212				ECE 212			
<b>ECE 2110+2120</b>					ECE 205			
<b>MATH 2060</b>	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240
<b>MATH 2080</b>	MAT 242	MAT 242	MAT 242	MAT 242	MAT 242	MAT 242 <sup>a</sup>	MAT 242	MAT 242
<b>PHYS 2210 + 2230</b>	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222	PHY 222
	<b>Bioengr.</b>	<b>Biosystems/ Environmental</b>	<b>Civil</b>	<b>Chemical</b>	<b>Computer/ Electrical</b>	<b>Industrial</b>	<b>Materials Science</b>	<b>Automotive/ Mechanical</b>

<sup>a</sup> Options to complete IE lab science or engineering requirements

<sup>b</sup> Encouraged for those pursuing medical school

<sup>c</sup> For Bioengineering majors pursuing the bioelectrical concentration

<sup>d</sup> Must take both courses prior to enrolling at CU to transfer these courses for ME

<sup>e</sup> CH 1020 is required by Electrical but not Computer Engineering

\*\*These courses cannot be taken anywhere other than Clemson and transferred back for ME credit 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 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 2022. All curricula are available online at: [www.catalog.clemson.edu](http://www.catalog.clemson.edu). If you have questions or need further advice, please contact the CECAS Transfer Director: Karen Thompson, at [kt@clemson.edu](mailto:kt@clemson.edu) or 864-656-2543.