

## Orangeburg-Calhoun 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>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>ENGR 1410</b>	N/A	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				BIO 101 <sup>a</sup>		
<b>CH 1020</b>	CHM 111	CHM 111		CHM 111	CHM 111**	CHM 111 <sup>a</sup>	CHM 111	
<b>CH 2230 + 2270</b>	CHM 211 <sup>b</sup>	CHM 211		CHM 211			CHM 211	
<b>CH 2240 + 2280</b>	CHM 212 <sup>b</sup>			CHM 212			CHM 212	
<b>COMM 2500</b>		SPC 205			SPC 205	SPC 205	SPC 205	
<b>MATH 2060</b>	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240	MAT 240
<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 requirement, only one is required

<sup>b</sup> 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](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

