

## Anderson University & Clemson University: Engineering Course Equivalencies

CU COURSE	Course Title	AU Course
CH 1010	Gen Chem I	CHE 111
ENGL 1030	English Comp	ENG 102
ENGR 1020	Eng Dis & Skills	ENGR 110+111
ENGR 1410	Engr Programming	ENGR 120+121
MATH 1060	Calculus I	MAT 140
MATH 1080	Calculus II	MAT 190
PHYS 1220 + 1240	Physics with Calc I	PHY 201
<i>Major dependent courses: See catalog for use in your desired major.</i>		
BIOL 1030 + 1050	Gen Biology I	BIO 101 +101L
CE 2010	Statics	ENME 230
CE 2080	Dynamics	ENME 320
CH 1020	Gen Chem II	CHE 112
CH 2230 + 2270	Organic Chem I + lab	CHE 201 + 203
CH 2240 + 2280	Organic Chem II + lab	CHE 202 + 204
COMM 2500	Public Speaking	COM 110 or SPE 102
ECE 2010	Logic (no Lab)	ENEE 210
ECE 2020	Circuits (no lab)	ENEE 230
ENGR 2080	Graphics with SolidWorks	ENGR 210
MATH 2060	Calculus III	MAT 240
MATH 2080	Intro to Ord Differential Equations	MAT 290
MATH 3020	Statistics for Engineers	MAT 380
MATH 3110	Linear Algebra	MAT 215
MATH 3650	Numerical Methods for Engr	MAT 415
MATH 4350	Complex Variables	MAT 395
MSE 2100	Intro to Materials Science	ENGR 330
MICR 3050	General Microbiology + lab	BIO 330
PHYS 2210 + 2230	Physics w/Calculus (II)	PHY 202

\*\*Chemical engineering students should take CHE 1300 online over the summer through Clemson prior to transferring.

Students desiring to take courses at Clemson or online through Clemson over the summers prior to transfer should enroll as Transient Students.

**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.

All engineering major curricula are available online at: <http://www.registrar.clemson.edu/html/catalog.htm>.

If you have questions or need further advice, please contact the CECAS Transfer Coordinator:

Karen Thompson, M.Ed., CECAS Academic Advisor and Transfer Coordinator at [kt@clemson.edu](mailto:kt@clemson.edu) or 864-656-2543.

## Clemson University General Education Courses

Anderson Gen Eds	Clemson Course	Course Title	Hum Lit (3cr)	Hum Non-Lit (3cr)	Social Science (6cr*)	GLCH (3cr)*	REACH Act
ART 231	AAH 1010	Survey of Art & Arch. Hist. I		•			
ECO 211	ECON 2110	Principles of Microeconomics			•		
ECO 212	ECON 2120	Principles of Macroeconomics			•		
ENG 218	ENGL 2120	World Literature	•				
ENG 216	ENGL 2130	British Literature	•				
ENG 214	ENGL 2140	American Literature	•				
GEO 102	GEOG 1030	World Regional Geography			•		
HIS 161	HIST 1010	History of the U.S. (1 <sup>st</sup> part)			•		•
HIS 162	HIST 1020	History of the U.S. (2 <sup>nd</sup> part)			•		
HIS 182	HIST 1930	Modern World History		•			
MUS 110	MUSIC 210	Music in the Western World		•			
PHIL 101	PHIL 1010	Intro. To Philosophic Problems		•			
PHIL 210	PHIL 1030	Intro. To Ethics		•			
PS 101	POSC 1010	American National Government			•		•
PSY 101	PSYC 2010	Introduction to Psychology			•		
SOC 101	SOC 2010	Introduction to Sociology					
THE 110	THEA 2100	Theatre Appreciation			•		
CON ***		Some CON courses are eligible		**		**	
CTI ***		Some CTI courses are eligible		**		**	

Prior to graduation from Clemson all Engineering students must complete the General Education requirements specified in their curriculum.

- Credit hours vary. Check the current Undergraduate Announcements for exact credit hours and pre- or co-requisite requirements.
- *This is an advising guide and not a contract. The Undergraduate Announcements of your official curriculum year has the authoritative list.*
- *Taking either the American History I or the American Gov course will give students credit for the REACH Act as well as a Social Science (double credit).*
- *Courses may change by catalog year at the discretion of the university or engineering department. Not all courses are offered every semester.*
- \*\* *Have a syllabus reviewed for your course prior to taking if you want to determine if it can receive Gen Ed credit at Clemson as well.*