

## 2017-2018 Transfer Curriculum Guide for Bachelor of Science in Civil Engineering

*Please see your academic advisor to develop your individual plan, this is only meant to be a guide.*

**A maximum of 64 hours is transferable from a North Carolina Community College.**

<b>Freshman/First Year</b>							
<b>First Semester - Fall</b>				<b>Second Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
ENG 111	ENGL 100	3	UGETC: Eng Comp- AA & AS	ENG 112	ENGL 101	3	UGETC: Eng Comp- AA & AS
CHM 151	CHEM 106/116	4	UGETC: Nat. Sci.- AA/AS	PHY 251	PHYS 241/251	4	UGETC: Nat. Sci- AS
EGR 150	GEEN 100	2	Pre-major/Elective	MAT 272	MATH 132	4	UGETC: Math- AS
	GEEN 111	1		<i>see options below</i>	African American Elective	3	African/American Studies Elective
MAT 271	MATH 131	4	UGETC: Math- AS		CAEE 121	0	
	CAEE 101	2					
Total Credit Hours			16	Total Credit Hours			14

<b>Sophomore/Second Year</b>							
<b>Third Semester - Fall</b>				<b>Fourth Semester - Spring</b>			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
MAT 273	MATH 231	4	GEN ED: Math	MAT 285	MATH 341	3	Pre-major/Elective
PHY 252	PHYS 242/252	4	UGETC: Nat. Sci.- AS		CIEN 281	1	
EGR 220	CAEE 231	3	Pre-major/Elective		CAEE 232	3	
	CAEE 230	1			CAEE 240	3	
	CM 214 Surveying	2			CAEE 362 Fluid Mechanics	3	
	CM 224 Surveying Lab	1		<i>see options below</i>	Global Studies Elective	3	Global Studies Elective
Total Credit Hours			15	Total Credit Hours			16

Junior/Third Year							
Fifth Semester - Fall				Sixth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
	CAEE 363	1			CIEN 320	3	
	CAEE 325	3			CIEN 321	1	
	CAEE 330	3			CAEE 304	3	
	CAEE 335	1			CAEE 364	3	
	CIEN 350	3			CAEE 430	3	
EGR 225	CAEE 334	2	Pre-Major Elective		CIEN 310	3	
	CAEE 400	1			CIEN 311	1	
<b>Total Credit Hours 14</b>				<b>Total Credit Hours 17</b>			

Senior/Fourth Year							
Seventh Semester - Fall				Eighth Semester - Spring			
CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes	CC Course	N.C. A&T Equivalent	Credit Hours	Required/Notes
	CIEN 483	1			CIEN 484	2	
	CAEE 436	3		<i>see options below</i>	Social Science Elective	3	Social/Behavioral Science Elective
	CAEE 481	3		<i>see options below</i>	Science Elective	3	SR Elective
	CIEN 412	3			CIEN 453	3	
<i>see options below</i>	Humanities Elective	3	HFA Elective		CIEN 405	1	
	CIEN 422	3					
<b>Total Credit Hours 16</b>				<b>Total Credit Hours 12</b>			

**Total Required Hours: 120**

- HFA Elective – Select one of the following: HUM 110, HUM 130, HUM211, HUM 212, HUM 240, ENG 261, ENG 262, ENG 273, MUS 110, PHI 210, REL 110, PHI 240, COM 110, **or** COM 111
- African/American Studies Elective – Select one of the following: ENG 273, HIS 221, HIS 222, **or** HIS 223
- Global Studies Elective – Select one of the following: HIS 111, HIS 112, HIS 121, HIS 122, BUS 240, **or** REL 110
- Social/Behavioral Science Elective – Select one of the following: BUS 125, ECO 251, ECO 252, HIS 131, HIS 132, HIS 221, HIS 222, HIS 223, HIS 112, HIS 122, POL 120, PSY 150, SOC 210, ANT 210, **or** HEA 110
- MLAR Elective – Select two of the following: MAT 152, MAT 171, MAT 172, MAT 263, MAT 271, MAT 272, **or** MAT 273
- SR Elective – Select two of the following: AST 151, BIO 110, BIO 111, BIO 112, CHM 151, CHM 152, CHM 251, CHM 252, PHY 151, PHY 152, PHY 251, **or** PHY 252

**NOTE: Courses may only satisfy ONE general education requirement (e.g. ENG 273 can satisfy HFA or AA, but not both).**

### **MAJOR PROGRAM REQUIREMENTS**

Students must earn a C or better in the following courses:

CAEE 100	PHYS 241
CAEE 231	PHYS 242
CAEE 232	MATH 131
CAEE 240	MATH 132
CAEE 304	MATH 231
CAEE 334	MATH 431
CAEE 362	CHEM 106
MEEN 241	Science Electives
GEEN 100	
GEEN 161	

**All of your GEN ED and UGETC requirements are satisfied, if you have earned an Associate in Arts or Associate in Science Degree from a North Carolina Community College.**























































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































