



Program Completion Guide  
**ASSOCIATE IN ENGINEERING (A10500)**  
**UNIVERSITY TRANSFER**

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_ Date of Enrollment: \_\_\_\_\_

**Section I: Developmental Courses (if needed)**

Courses	Scores	Cr.	Prerequisites/ Corequisites	Grade	Notes/Semester
DMA 010 Operations with Integers	<7 on DAP	1	Pre: None		
DMA 020 Fractions and Decimals	<7 on DAP	1	Pre: DMA 010		
DMA 030 Propor/Ratio/Rate/Percent	<7 on DAP	1	Pre: DMA 010-020		
DMA 040 Express/Lin Equat/Inequal	<7 on DAP	1	Pre: DMA 010-030 or MAT 060		
DMA 050 Graphs/Equations of Lines	<7 on DAP	1	Pre: DMA 010-040 or DMA 040 and MAT 060		
DMA 060 Polynomial/Quadratic Appl <i>(Required if taking MAT 171)</i>	<7 on DAP	1	Pre: DMA 010-050 or MAT 060 and MAT 070		
DMA 070 Rational Express/Equation <i>(Required if taking MAT 171)</i>		1	Pre: DMA 010-060 or MAT 060 and MAT 070		
DMA 080 Radical Express/Equations <i>(Required if taking MAT 171)</i>		1	Pre: DMA 010-070 or MAT 060 and MAT 070		
DRE 096 Integrated Reading and Writing	104-116	3	Pre: None Co: CIS 070		
DRE 097 Integrated Reading Writing II	117-135	3	Pre: DRE 096 Co: CIS 070		
DRE 098 Integrated Reading Writing III	136-150	3	Pre: DRE 097 Co: CIS 070		

**Section II:**

**A. College Orientation and Academic Transition (1 credit)**

Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
ACA 122 College Transfer Success	ACA 122	1		

**B. Universal General Education Transfer Component (42 credits)\***

**English Composition (6 credits)\*\***

Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
ENG 111 Writing and Inquiry	ENG 111	3		
ENG 112 Writing/Research in the Disciplines	ENG 112	3		

**Communications and Humanities/Fine Arts (6 credits)**

Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
<b>Humanities (3 credits)**</b>				
Select one (1) course from the following: <b>ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240, REL 110***</b> (Courses in Bold are offered at RCC.)		3		
<b>Fine Arts and Communications (3 credits)**</b>				
Select one (1) course from the following: <b>ART 111, ART 114, ART 115, COM 231, MUS 110, MUS 112</b> (Courses in Bold are offered at RCC.)		3		

**Social/Behavioral Sciences (6 credits)\*\***

Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
	ECO 251	3		



Take <b>ECO 251</b> and select one (1) additional course from the following: <b>HIS 111, HIS 112, HIS 131, HIS 132 POL 120, PSY 150, SOC 210</b>		3		
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<b>Mathematics (12 credits)**</b>				
Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
<b>MAT 271</b> Calculus I, is the lowest level math course that will be accepted by the engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses.	MAT 271	4		
	MAT 272	4		
	MAT 273	4		

<b>Natural Sciences (12 credits)**</b>				
Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
Take <b>CHM 151, PHY 251, and PHY 252</b>	CHM 151	4		
	PHY 251	4		
	PHY 252	4		

**C. Other Required Hours (17 credits)\***

<b>Pre-major and/or Other General Education Courses (17 credits)**</b>				
Courses	Course	Credit	Sem. Registered/Planned	Sem. Completed/Grade
Take <b>EGR 150</b> and select 15 SHC of courses from the following courses classified as pre-major, elective, or general education courses within the CAA. (Students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.) Students should choose courses appropriate to the specific university and engineering major requirements. <b>BIO 111, CHM 152, COM 110, CSC 134, CSC 151, DFT 170, ECO 252, EGR 210, EGR 212, EGR 215, EGR 216, EGR 220, EGR 225, EGR 228, HUM 110, MAT 280, MAT 285, PED 110</b> (Courses in <b>Bold</b> are offered at RCC.)	EGR 150	2		

**NOTES:** \*All courses must be completed with a grade of "C" or better.  
 \*\*See course catalog for prerequisite and/or corequisite requirements.  
 \*\*\*REL 110 will transfer for equivalency credit to the engineering programs at all five UNC institutions that offer undergraduate engineering programs. It may not transfer with equivalency to other programs.

**Students please read the following and sign below.**

I understand that as an RCC student, I am ultimately responsible for my schedule. I understand that I must complete each course with a grade of "C" or better and follow the established course sequence or my ability to graduate on time may be affected.  
 My advisor has information regarding other colleges and transfer opportunities that I can investigate after completing my degree/diploma/certificate, and I understand that if I would like more information I can schedule an appointment with him/her.

Student Name: \_\_\_\_\_ Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor Name: \_\_\_\_\_ Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Advisor Name: \_\_\_\_\_ Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_