

	PHYS 345	3			ASME 422	4		
	ASME 433	3			ASME 434	3		
	ENGL 331	3			PHYS Elective ³	3		
	PHYS 411	3			Technical Elective ⁴	3		
	PHYS 400	3			ASME Elective ²⁻¹	3		
Total Credit Hours				15	Total Credit Hours			
					16			

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	
	ASME 492	1			ASME 496 ⁵	6		
	Free Elective	3			ASME 492	1		
	ASME Elective ²⁻²	3			ASME Elective ²⁻³	3		
	PHYS 450	3			Free Elective	3		
	Technical Elective ⁴	3						
	PHYS Elective ³	3						
Total Credit Hours				16	Total Credit Hours			
					13			

Total Required Hours: 120

¹Courses may only satisfy ONE general education requirement GL, AA, SBS, or HFA (e.g. LIBS 202 can satisfy HFA **or** AA, **but not** both)

²⁻¹ASME Elective: Course must be chosen from ASME 211, 275, 285.

²⁻²ASME Elective: Course must be chosen from ASME 420, 423, 430, **or** 440.

²⁻³ASME Elective: Course must be chosen from ASME 463, 470, 480, 481, **or** 491.

³Physics Elective: Course must be chosen from PHYS 412, 415, 420, 430, 440, 447, **or** 475.

⁴Technical Electives: Course must be in Mathematics, Science, **or** Engineering.

⁵ASME 496 - capstone course.

Free electives (9 credit hours).

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better in ASME, PHYS and MATH courses.

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.