ENGINEERING, A.S.

Length: Four Semesters + One Summer Session

This program is designed for students who plan to transfer to a four-year institution to complete a baccalaureate degree in engineering. Requirements vary among institutions and among the different engineering fields. The following program is a composite of the requirements of the first two years of the baccalaureate degree at most four-year institutions. Students should have successfully completed a minimum of four units of high school mathematics, including trigonometry, and three units of science in biology, physics and chemistry.

NOTES

* Engineering students must choose the History sequence option, taking the first course in Semester 1 and the second in Semester 4.

* In Semester 3, students may choose only from the following Literature options: ENG 251, ENG 252, ENG 271 or ENG 272.

* Variability in credit hours of electives in EGR is due to concentration areas. Total Credit Hours required to graduate in this degree plan is 61 credit hours minimum. Most complete with somewhere in the range of 61-64 credit hours. Contact an Engineering advisor prior to beginning your first semester course work.

* Consult the transfer institution or the STARS templates at **www.coastalalabama.edu** for additional information about degree requirements. Also, see an academic adviser for assistance.

Program: **Engineering**

Type: A.S.

FALL SEMESTER 1

Item #	Title	Credits
ENG 101	English Composition I	3
MTH 125	Calculus I	4
	History Elective	3
CHM 111	College Chemistry I	4
ORI 101	Orientation to College	1
	Sub-Total Credits	15

SPRING SEMESTER 2

Item #	Title	Credits
ENG 102	English Composition II	3
MTH 126	Calculus II	4
	ART 100, MUS 101, THR 120, or THR 126	3
	Humanities Elective (3 SH)	3
CHM 112	College Chemistry II	4
	Sub-Total Credits	17

SUMMER SESSION

Item #	Title	Credits
	Engineering Elective I (3 SH)	3 - 7
MTH 227	Calculus III	4
	Sub-Total Credits	7-11

FALL SEMESTER 3

Item #	Title	Credits
	History Elective	
3		
PHY 213	General Physics with Cal I	
4		
	Engineering Elective II (3 SH)	
3 - 6		
EGR 101	Engineering Foundations	
3		
	Sub-Total Credits	
13-16		

COMPLETE GRADUATION APPLICATION

Click **here** to complete the graduation application and begin the process of a review of your degree plan before your final semester.

SPRING SEMESTER 4

Item #	Title	Credits
	SPH 106 or SPH 107	
3		
MTH 238	Applied Differential Equations I	
3		
	History Elective	
3		
	Engineering Elective III (3 SH)	
3 - 8		
	Sub-Total Credits	
12-17		

	Total credits:	
64-76		