

BEAUFORT COUNTY COMMUNITY COLLEGE 2021-2022

Applied Engineering Technology-EET Track

Curriculum Code A40130A

Grade	Course Number	Course Title	P=Prerequisite C=Co-requisite	Class	Lab	Credit
Year 1		First Semester: Fall				
	ACA 111	College Student Success ¹		1	0	1
	EGR 110	Intro to Engineering Tech		1	2	2
	ELC 131	Circuit Analysis I		3	3	4
	ELC 131A	Circuit Analysis I Lab	C=ELC 131	0	3	1
	ISC 113	Industrial Specifications		1	0	1
	HUM 115	Critical Thinking	*	3	0	3
		Semester Totals		9	8	12
Year 1		Second Semester: Spring				
	ELN 131	Analog Electronics I		3	3	4
	ENG 111	Writing & Inquiry	*	3	0	3
	HYD 110	Hydraulics/Pneumatics I		2	3	3
	ISC 112	Industrial Safety		2	0	2
	MAT 121	Algebra/Trigonometry I	*	2	2	3
		Semester Totals		12	8	15
Year 1		Third Semester: Summer				
	ELN 133	Digital Electronics		3	3	4
	PCI 162	Instrumentation Controls		2	3	3
	PSY 150	General Psychology		3	0	3
		Semester Totals		8	6	10
Year 2		Fourth Semester: Fall				
	CIS 110	Introduction to Computers		2	2	3
	ENG 114	Professional Research & Reporting	P=ENG 111	3	0	3
	ELC 127	Software for Technicians		1	3	2
	ELC 135	Electrical Machines		2	2	3
	PHY 131	Physics-Mechanics	P=MAT 121 or 171	3	2	4
		Semester Totals		11	9	15
Year 2		Fifth Semester: Spring				
	ELC 128	Intro to PLC		2	3	3
	ELC 136	Electrical Machines II		3	3	4
	ELC 231	Electric Power Systems		3	2	4
	PHY 133	Physics-Sound & Light	P=PHY 131	3	2	4
		Semester Totals		11	10	15
		Cumulative Totals				67

¹ACA 122 may be substituted.

*See course description for prerequisite information.