

**BEAUFORT COUNTY COMMUNITY COLLEGE 2022-2023**

**Applied Engineering Technology-MET Track**

Curriculum Code A40130B

Grade	Course Number	Course Title	P=Prerequisite C=Co-requisite	Class	Lab	Credit
Year 1		First Semester: Fall				
	ACA 111	College Student Success <sup>1</sup>		1	0	1
	DFT 119	Basic CAD		1	2	2
	EGR 110	Intro to Engineering Tech		1	2	2
	ENG 111	Writing & Inquiry	*	3	0	3
	ELC 131	Circuit Analysis I		3	3	4
	ISC 113	Industrial Specifications		1	0	1
		Semester Totals		10	7	13
Year 1		Second Semester: Spring				
	DFT 151	CAD I		2	3	3
	DFT 154	Intro Solid Modeling		2	3	3
	ENG 114	Professional Research & Reporting	P=ENG 111	3	0	3
	HYD 110	Hydraulics/Pneumatics I		2	3	3
	ISC 112	Industrial Safety		2	0	2
	MAC 111AB**	Machining Technology I		1	6	3
		Semester Totals		12	15	17
Year 1		Third Semester: Summer				
	MAC 111BB**	Machining Technology I	P=MAC 111AB	1	6	3
	MEC 128	CNC Machining Processes		2	4	4
		Semester Totals		3	10	7
Year 2		Fourth Semester: Fall				
	CIS 110	Introduction to Computers		2	2	3
	MAT 121	Algebra/Trigonometry I	*	2	2	3
	MEC 110	Intro to CAD/CAM		1	2	2
	MEC 145	Mfg Materials I		2	3	3
	PSY 150	General Psychology		3	0	3
		Semester Totals		10	9	14
Year 2		Fifth Semester: Spring				
	EGR 250	Statics/Strength of Mater		4	3	5
	ELC 128	Intro to PLC		2	3	3
	HUM 115	Critical Thinking	*	3	0	3
	PHY 131	Physics-Mechanics	P=MAT 121 or 171	3	2	4
		Semester Totals		12	8	15
		Cumulative Totals				66

<sup>1</sup>ACA 122 may be substituted.

\*See course description for prerequisite information.

\*\*MAC 111AB and MAC 111BB must be completed to receive credit for MAC 111.