

BEAUFORT COUNTY COMMUNITY COLLEGE 2020-2021

Mechanical Engineering - Machinist Diploma

Curriculum Code D40320

Grade	Course Number	Course Title	Prerequisites/ Co-requisites	Class	Lab	Credit
Year 1		First Semester: Fall				
	ACA 111	College Student Success		1	0	1
	BPR 111	Print Reading		1	2	2
	DFT 151	CAD I		2	3	3
	ENG 111	Writing and Inquiry	*	3	0	3
	EGR 110	Introduction to Engineering Tech		1	2	2
	ISC 113	Industrial Specifications		1	0	1
		Semester Totals		9	7	12
Year 1		Second Semester: Spring				
	DFT 154	Intro Solid Modeling		2	3	3
	MAC 111AB	Machining Technology I		1	6	3
	MAC 178	CNC Turning: Operator		0	2	1
	MAC 179	CNC Milling: Operator		0	2	1
	MAT 121	Algebra/Trigonometry I	*	2	2	3
		Semester Totals		5	15	11
Year 1		Third Semester: Summer				
	MAC 11BB	Machining Technology I		1	6	3
	MEC 128	CNC Machining Processes		2	4	4
		Semester Totals		3	10	7
Year 2		Fourth Semester: Fall				
	MEC 110	Intro to CAD/CAM		1	2	2
		Semester Totals		1	2	2
Year 2		Fifth Semester: Spring				
	EGR 285	Design Project		2	10	6
	MAC 234	Advanced Multi-Axis Machining		2	3	3
	MAC 234A	Advanced Multi-Axis Machining Lab		0	3	1
		Semester Totals		2	10	6
		Cumulative Totals				38

*See course description for prerequisite information.