

Computer-Integrated Machining

A.A.S. Degree (A50210)

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TOTAL HOURS FOR CREDENTIAL

Class	Lab	Clinic	Work	Credit
42	65	0	0	67

Fall I at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 122	College Transfer Success			0	2	0	0	1
BPR 111	Print Reading			1	2	0	0	2
ENG 111	Writing and Inquiry	See Catalog		3	0	0	0	3
MAT 110	Math Measurement & Literacy	See Catalog		2	2	0	0	3
	Humanities Elective			3	0	0	0	3
Semester Totals:				9	6	0	0	12

Spring I at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
CIS 111	Basic PC Literacy			1	2	0	0	2
DFT 151	CAD I			2	3	0	0	3
ISC 112	Industrial Safety			2	0	0	0	2
	Behavioral/Social Sciences Elective			3	0	0	0	3
	Fine Arts/Communication Elective			3	0	0	0	3
Semester Totals:				11	5	0	0	13

Summer I at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
MAC 114	Intro to Metrology			2	0	0	0	2
MAC 141	Machining Applications I			2	6	0	0	4
MAC 151	Machining Calculations			1	2	0	0	2
MEC 110	Introduction to CAD/CAM			1	2	0	0	2
Semester Totals:				6	10	0	0	10

Fall II at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
MAC 121	Intro to CNC			2	0	0	0	2
MAC 122	CNC Turning			1	3	0	0	2
MAC 124	CNC Milling			1	3	0	0	2
MAC 142	Machining Applications II			2	6	0	0	4
MAC 231	CAM: CNC Turning			1	4	0	0	3
MEC 180	Engineering Materials			2	3	0	0	3
Semester Totals:				9	19	0	0	16

Spring II at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
MAC 143	Machining Applications III			2	6	0	0	4
MAC 232	CAM: CNC Milling			1	4	0	0	3
MAC 228	Advanced CNC Processes			2	3	0	0	3
MAC 233	Appl in CNC Machining			2	12	0	0	6
Semester Totals:				7	25	0	0	16