

Mechanical Engineering Technology

Associate in Applied Science (A40320)

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TOTAL HOURS FOR CREDENTIAL

Class	Lab	Clinic	Work	Credit
54	48	0	0	72

Fall I at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 115	Success and Study Skills			0	2	0	0	1
BPR 111	Print Reading			1	2	0	0	2
CIS 115	Intro to Program & Logic	See Catalog		2	3	0	0	3
ELC 112	DC/AC Electricity			3	6	0	0	5
ENG 111	Writing and Inquiry	See Catalog		3	0	0	0	3
HYD 110	Hydraulics/Pneumatics I			2	3	0	0	3
MEC 111	Machine Processes			1	4	0	0	3
Semester Totals:				12	20	0	0	20

Spring I at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
DFT 151	CAD I			2	3	0	0	3
ISC 112	Industrial Safety			2	0	0	0	2
MAT 171	Precalculus Algebra	See Catalog		3	2	0	0	4
	Behavioral/Social Sciences Elective			3	0	0	0	3
	Communication Elective			3	0	0	0	3
	Humanities/Fine Arts Elective			3	0	0	0	3
Semester Totals:				16	5	0	0	18

Summer I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
Semester Totals:				0	0	0	0	0

Fall II at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
DFT 152	CAD II			2	3	0	0	3
MAC 121	Intro to CNC			2	0	0	0	2
MEC 161	Manufacturing Processes I			3	0	0	0	3
MEC 161A	Manufacturing Processes I Lab			0	3	0	0	1
MEC 110	Intro to CAS/CAM			2	1	0	0	2
MEC 180	Engineering Materials			2	3	0	0	3
PHY 131	Physics - Mechanics			3	2	0	0	4
Semester Totals:				14	12	0	0	18

Spring II at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ATR 281	Automated Manufacturing			3	2	0	0	4
DFT 153	CAD III			2	3	0	0	3
EGR 250	Statics/Strength of Materials			4	3	0	0	5
ISC 132	Manufacturing Quality Control			3	3	0	0	4
Semester Totals:				12	11	0	0	16