COMPUTER-INTEGRATED MACHINING DEGREE

Program Code: A50210

Course	Title	Hours
First Year		
Fall		
ENG-111	Writing and Inquiry	3
MAC-141	Machining Applications I	4
MAC-179	Computer Numerical Controlled Milling: Operator	1
BPR-111	Print Reading	2
MEC-128	CNC Machining Processes	4
MAC-151	Machining Calculations	2
MAC-171	Measure/Material and Safety	1
	Hours	**17**
Spring		
MAT-110 or MAT-121	Mathematical Measurement and Literacy or Algebra/Trigonometry I	3
DFT-119	Basic CAD	2
ISC-112	Industrial Safety	2
MAC-178	Computer Numerical Control Turning: Operator	1
MAC-142	Machining Applications II	4
MAC-124	CNC Milling	2
MAC-152	Advanced Machining Calculations	2
	Hours	**16**
Second Year		
Fall		
HUM-115 or PHI-240	Critical Thinking or Introduction to Ethics	3
MAC-122	CNC Turning	2
MAC-241	Jigs & Fixtures I	4
MEC-231	Computer-Aided Manufacturing I	3
MAC-224	Advanced CNC Milling	2
WLD-112	Basic Welding Processes	2
	Hours	**16**
Spring		
BUS-110	Introduction to Business	3
PSY-118 or PSY-150	Interpersonal Psychology or General Psychology	3
COM-120	Introduction to Interpersonal Communication	3
MAC-247	Production Tooling	2
MAC-233	Appl in CNC Machining	6
MEC-232	Computer-Aided Manufacturing II	3
	Hours	**20**
	Total Hours	**69**