

Academic Plan For Computerized Manufacturing and Machining		Contact Hours	Credit Hours	Minimum Passing Grade	Prerequisite	Preferred Class	Semester Completed	Exploratory Machining I Certificate	Machine Tool Operator I Certificate	Machine Tool Operator II Certificate	CNC Operator Certificate	CNC Machinist Diploma	Diploma Plus AAS-60TS
4/24/2017 JP							CREDIT HOURS ---->	11-12	17-19	25-30	25-30	55-58	
GEN 102	Foundations of Learning	30	3	C	None	X							
CMM-114	Fundamentals of Machine Tools	150	6	C	None	X		X	X	X	X	X	
CMM-118	Metrology and Control Charts	30	2	C	None	X		X		X	X	X	
CMM-124	Applied Machining	150	6	C	CMM-114					and	and	and	
CMM-134	Manual Programming/CAD / CAM / CNC	150	6	C	Permission	X		or	or	or	or	or	
BRX-112	Blueprint Reading for Machinists (HCC DO NOT SUB)	60	4	C	None				and	and	and	and	
CIT-105	Introduction to Computers	45	3	D		X				and	and	and	MUST
MAT-065	Basic Algebra	45	3	P	MT-055								
MAT-126	Technical Algebra and Trigonometry	45	3	D	MT-065	X			or	or	and	and	MUST
ENG-100	English Workshop (concurrent)		2		ACT-18								
ENG-101	Writing I (HCC DO NOT SUB )	45	3	D	ENC-091	X						and	MUST
CMM-214	Industrial Machining	150	6	C	CMM-124	X						and	
CMM-220	Advanced Industrial Machining I (EDM)	90	4	C	CMM-124 & -132	X						and	
CMM-222	Advanced Industrial Machining II (Grinding/Gears)	60	2	C	CMM-214	X						and	
CMM-230	Conversational Programming	150	6	C	Permission	X					and	and	
CMM-240	Introduction To 3-D Programming	150	6	C	Permission	X						and	
CMM-298	Practicum	75	1	C	Permission	X						and	
Science	From General Education List for Science		3	D				or	or	or	or	or	MUST
Social	From General Education List for Social Interaction		3	D				or	or	or	or	or	MUST
Fine Arts	From General Education List for Humanities and Fine Arts		3	D				or					MUST

Student Name  ID#  Phone #  SSN#   
 Student Address  Cell PH #   
 Advisor Signature  Student Signature   
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