

Academic Plan For Computerized Manufacturing and Machining		Contact Hours	Credit Hours	Minimum Passing Grade	Prerequisite	Preferred Class	Semester Completed	CREDIT HOURS ---->	Exploratory Machining I Certificate	Machine Tool Operator I Certificate	Machine Tool Operator II Certificate	CNC Operator Certificate	CNC Machinist Diploma	Diploma Plus AAS-60TS
8/10/2017 JP									11-12	17-19	25-30	25-30	55-58	
FYE-105	Achieving Academic Success	30	3	C	None	X								
CMM-114	Fundamentals of Machine Tools	150	6	C	None	X		MUST	MUST	MUST	MUST	MUST		
CMM-118	Metrology and Control Charts	45	2	C	None	X		OR		MUST	MUST	MUST		
CMM-124	Applied Machining	165	6	C	CMM-114					MUST			MUST	
CMM-134	Manual Programming/CAD / CAM / CNC	150	6	C	Concent	X		OR	MUST	MUST	MUST	MUST	MUST	
BRX-112	Blueprint Reading for Machinists (HCC DO NOT SUB)	60	4	C	None				MUST	MUST	MUST	MUST	MUST	
CIT-105	Introduction to Computers	45	3	D		X				MUST	MUST	MUST	MUST	MUST
MAT-065	Basic Algebra	45	3	P	MT-055									
MAT-126	Technical Algebra and Trigonometry	45	3	D	MT-065	X			MUST	MUST	MUST	MUST	MUST	MUST
ENG-100	English Workshop (concurrent)		2		ACT-18									
ENG-101	Writing I (HCC DO NOT SUB)	45	3	D	ENC-091	X							MUST	MUST
CMM-214	Industrial Machining	165	6	C	CMM-124/concent	X							MUST	
CMM-220	Advanced Industrial Machining I (EDM)	120	4	C	CMM-124 &134/concent	X							MUST	
CMM-222	Advanced Industrial Machining II (Grinding)	60	2	C	CMM-214/concent	X							MUST	
CMM-230	Conversational Programming	150	6	C	CMM-134/concent	X						MUST	MUST	
CMM-240	Introduction To 3-D Programming	150	6	C	CMM-134/concent	X							MUST	
CMM-298	Practicum	75	1	C	Permission	X							MUST	
Science	From General Education List for Science		3	D				OR	OR	OR	OR	OR	OR	MUST
Social	From General Education List for Social Interaction		3	D				OR	OR	OR	OR	OR	OR	MUST
Fine Arts	From General Education List for Humanities and Fine Arts		3	D				OR						MUST

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