32 Credit Hour Certificate – Advanced Manufacturing Technology

Name: _____ ID#: _____ Date: _____

MACC's Certificate in Advanced Manufacturing Technology prepares the student for entry into the general industrial, manufacturing field. Courses provide skills in basic electrical circuits, electric motor controls, machining, hydraulics, welding, maintenance management, quality control, and production planning. Most courses involve hands-on experience with up-to-date, high-technology equipment found in current manufacturing operations.

Taken	Course	Required Courses	Hours
	AMT112	Computer-Aided Design I – **Fall Only**	3
	AMT211	**^**Computer-Aided Design II – **Fall Only**	3
	AMT212	**^**Additive and Subtractive Manufacturing – **Spring Only**	3
	EET100	DC/AC Electronics – **Fall Only**	3
	EET118	**^**Industrial Electricity & Motor Control – **Spring Only**	3
	EET213	**^**Process Control and Instrumentation – **Fall Only**	3
	IND100	Industrial Safety & Manufacturing Processes – **Spring Only**	3
	IND101	Fundamentals of Industrial Maintenance – **Fall Only**	3
	IND105	Fluid Power Principles – **Spring Only**	3
	IND200	**^**Mechanical Systems – **Spring Only**	3
	IND295 **or** SKL250	**^**Industrial Technology Internship **or** **^**Employment Seminar	1-2
	SKL101	College Orientation	1
		Minimum Required Hours for Certificate	**32**

***Certificate is granted upon successful completion of all required courses plus directed elective courses totaling a minimum of 32 credit hours.**

^Please refer to the course descriptions for pre/co-requisite and placement information. You can only register for these courses if you have met the prerequisite, placed into the course and/or enroll in the co-requisite course(s).