

## *FCA Automotive Manufacturing Program (AMP)*

(Manufacturing Technology Associate of Applied Science Degree path)

The Fiat Chrysler Automobiles (FCA) Automotive Manufacturing Program (AMP) is designed to provide students the opportunity to develop leadership, problem-solving and communication skills as a Production Supervisor while earning an Associate's Degree at Macomb Community College. Students participate in a paid co-op program, working one day per week as a Production Supervisor at an FCA manufacturing facility in the Greater Detroit area.

Upon graduation, students who meet all requirements of the AMP program may be offered a job as part of FCA's Production Supervisor development program at one of their manufacturing facilities. Upon successful completion of the two-year development program, students will have the opportunity to receive reimbursement of up to 50% of tuition paid toward their earned Associates Degree, subject to program provisions.

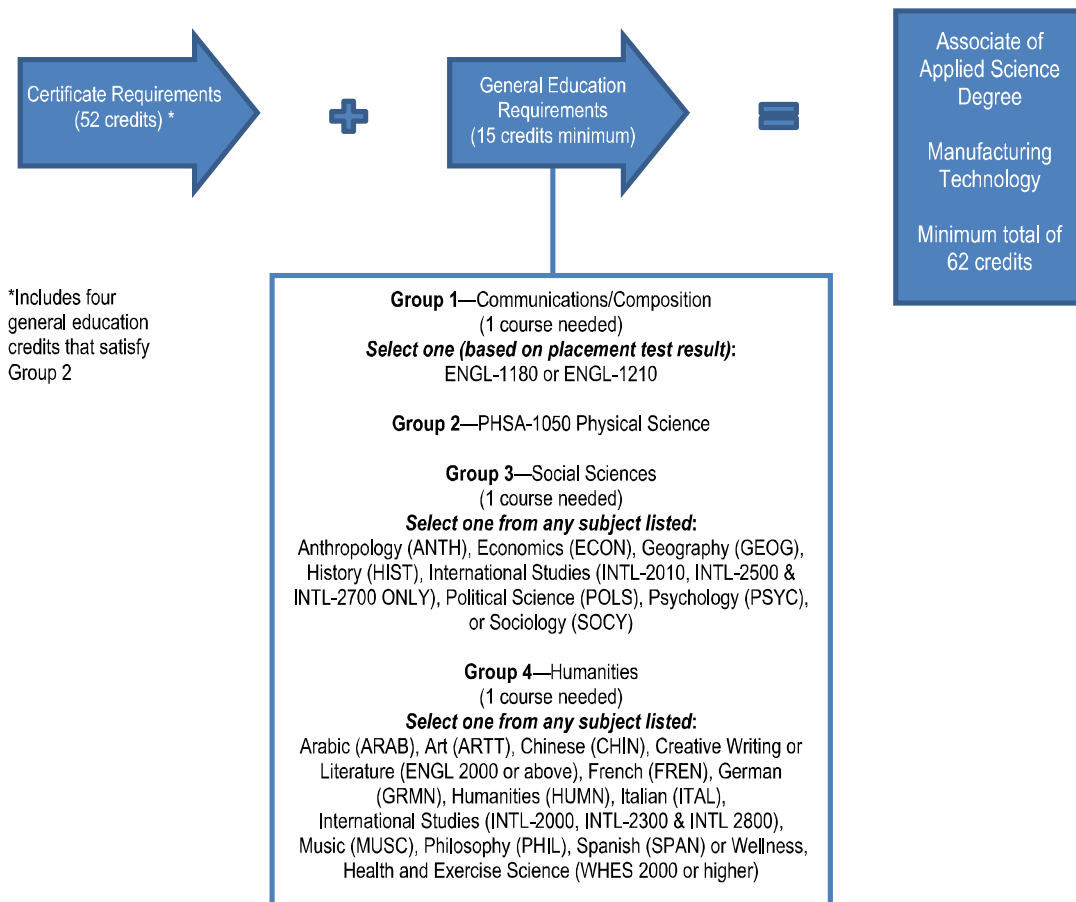
A certificate will be awarded to students who successfully complete the following courses:

### **Career Preparation and Related Courses**

		SUGGESTED SEQUENCE	CREDIT HOURS	CONTACT HOURS	
<b>Year 1 – Semester 1</b>					
ATAM 1150	Shop Arithmetic	■ □ □ □	2	32	
ATDD 1900	Machine Tool Blueprint Reading	■ □ □ □	2	32	
ATTR 1150	Technical Report Writing	■ □ □ □	2	32	
ATMT 1150	Machine Tool Laboratory 1	■ □ □ □	3	48	
PHSA 1050	Physical Science <i>(fulfills MCC Group 2 General Education Requirement)</i>	■ □ □ □	4	64	
<b>Year 1 – Semester 2</b>					
ATAM 1160	Algebra	□ ■ □ □	2	32	
ATQT 1000	Quality Inspection Fundamentals	□ ■ □ □	2	32	
ATMT 1650	Millwright Theory 1	□ ■ □ □	2	32	
ATAP 1050	CNC Essentials	□ ■ □ □	3	64	
ITAP 1000	Foundations of Computer Applications	□ ■ □ □	3	48	
MGMT 1180	Human Relations	□ ■ □ □	3	48	
<b>Year 2 – Semester 1</b>					
ENGR 1000	Introduction to Engineering	□ □ ■ □	3	48	
ATQT 1050	Quality Standards & Core Tools	□ □ ■ □	2	32	
ATWD 1110	Fundamentals of Gas & Arc Welding	□ □ ■ □	2	32	
BUSN 2060	Corporate Responsibility	□ □ ■ □	3	48	
ROBO 1200	Robot Operations, Handling Tool, & Programming (FANUC)	□ □ ■ □	3	64	
<b>Year 2 – Semester 2</b>					
ATDD 1920	Geometric Dimensioning & Tolerancing Fundamentals	□ □ □ ■	2	32	
ATQT 1030	Applied Statistical Process Control	□ □ □ ■	2	32	
ATQT 2911	Coordinate Measuring Machine (CMM) Introduction	□ □ □ ■	3	48	
BCOM 2050	Business Communications	□ □ □ ■	4	64	
			<b>Total</b>	<b>52</b>	<b>864</b>

**SEE SECOND PAGE/REVERSE SIDE FOR ASSOCIATE DEGREE REQUIREMENTS**

## Associate of Applied Science Degree Requirements (Minimum 62 credit hours)



\*\*Information is subject to change. Please visit [www.macomb.edu](http://www.macomb.edu) for the most current information.\*\*