

**Advanced Manufacturing Technology – Quality Engineering
Certificate
M.A.P.**

Semester	Suggested Courses		Semester(s) Offered*	Credit Hours
Semester 1 15 credit hours	WKO 120	Ready to Work I	Fall	2
	WKO 121	Ready to Work II	Fall	2
	AUT 102	Lean Manufacturing and Industrial Safety	Fall	3
	AUT 144	Manufacturing Systems, Methods, & Processes	Fall	3
	MTH 108 <i>or</i> MTH 116	Quantitative Reasoning <i>or</i> Mathematical Applications	Fall, Spring, Summer	3
	ORI 101	Orientation to College	Fall, Spring, Summer	2
Semester 2 14 credit hours	LGT 108	Introduction to Logistics	Spring	3
	LGT 112	Warehouse Operations Applications	Spring	3
	AUT 155	Metrology	Spring	3
	AUT 200	Total Productive Maintenance	Spring	2
	ENG 101	English Composition I	Fall, Spring, Summer	3
Semester 3 15 Credit hours	AUT 104	Blueprint Reading for Manufacturing	Fall	3
	ADM 165	Quality Engineering I: Quality History and Statistics	Fall	3
	ADM 166	Quality Engineering II: Variation and Reliability	Fall	3
	CNC 215 <i>or</i> CNC 216	Quality Control and Assurance Quality Control II	Fall Summer	3
	SPH 106 <i>or</i> SPH 107	Fundamentals of Oral Communication <i>or</i> Fundamentals of Public Speaking	Fall, Spring, Summer	3
Semester 4 9 Credit hours AMT Certificate Achieved	ADM 170	Quality Engineering III: Process Quality	Spring	3
	ADM 180	Quality Engineering IV: Quality Auditing and AIAG Core	Spring	3
	ADM 210	Lean Six Sigma	Spring	3
Total Hours				53

*Course(s) may be offered in additional semesters but are only assured to run in the semester(s) indicated. It is **highly** recommended that course(s) be completed in the semester(s) indicated.

Part-time students and full-time students desiring to begin the AMT program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.