

# APPLIED ENGINEERING

## Manufacturing Production Technology Short Certificate

### Guided Pathway/Map

**NOTE:** The Guided Pathway below contain all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online.

	Course #	Course Name	Sem. Hours
Semester 1	INT101	DC Fundamentals	3
	INT261	MSSC Safety ( <b>MSSC Safety Exam</b> )	3
	INT262	MSSC Quality Practices and Measurement Course ( <b>MSSC Quality Practices and Measurement Exam</b> )	3
	INT263	MSSC Manufacturing Processes and Production Course ( <b>MSSC Manufacturing Processes and Production Exam</b> )	3
	INT184	Introduction to Programmable Logic Controllers (PLC's)	3
			Semester Total:15
Semester 2	INT103	AC Fundamentals	3
	INT117	Principles of Industrial Mechanics	3
	INT264	MSSC Maintenance Awareness Course ( <b>MSSC Maintenance Awareness Exam</b> )	3
	INT284	Advanced Programmable Logic Controllers	3
		<b>Students are eligible for MSSC Certified Production Technician after passing all 4 MSSC CPT certification exams</b>	Semester Total: 12 Program Total: 27