

# Modern Manufacturing Technology - Production

The Modern Manufacturing Technology program prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. The program includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure.

**Type:** A.A.S.

## Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3

## Area II: Humanities and Fine Arts

Item #	Title	Credits
	SPH 106 or SPH 107	3
	Humanities/Fine Arts Elective 3 SH	3

## Area III: Natural Science or Mathematics

Item #	Title	Credits
	MTH 100, MTH 116 or higher	3

## Area IV: History, Social, and Behavioral Sciences

## Area V: Technical Concentration and Electives

Item #	Title	Credits
ORI 104	Workkeys Assessment and Advisement	1
WKO 120	READY TO WORK I	2
WKO 121	READY TO WORK II	2
AUT 102	LEAN MANUFACTURING AND INDUSTRIAL SAFETY	3
AUT 104	BLUEPRINT READING FOR MANUFACTURING	3
AUT 144	MANUFACTURING SYSTEMS, METHODS, AND PROCESSES	3
AUT 155	METROLOGY	3
AUT 200	TOTAL PRODUCTIVE MAINTENANCE	2
LGT 108	INTRODUCTION TO LOGISTICS	3
LGT 112	WAREHOUSE OPERATIONS APPLICATIONS	3
	<b>Total credits:</b>	<b>63</b>