

# 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:** Certificate

## Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3

## Area II: Humanities and Fine Arts

Item #	Title	Credits
SPH 106	Fundamentals of Oral Communication	3
MUS 101	Music Appreciation	3

## Area III: Natural Science or Mathematics

Item #	Title	Credits
BIO 103	Principles of Biology I	4
MTH 116	Mathematical Applications	3

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

Item #	Title	Credits
PSY 200	General Psychology	3

## Area V: Technical Concentration and Electives

Item #	Title	Credits
WKO 120	READY TO WORK I	2
WKO 121	READY TO WORK II	2
AUT 104	BLUEPRINT READING FOR MANUFACTURING	3
AUT 102	LEAN MANUFACTURING AND INDUSTRIAL SAFETY	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>35</b>