

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 |
| | Total credits: | 63 |