

## MANUFACTURING MANAGEMENT

### Program Overview

The constantly changing manufacturing sector calls for well-trained, adaptable supervisors. Businesses need first- and second-line supervisors who are capable of interpreting policies to employees, setting work goals, improving communications and interpersonal relationships, maintaining discipline, and motivating employees.

MCC's Manufacturing Management program prepares students for these manufacturing leadership positions. The curriculum is designed for those who have experience in manufacturing and want to gain the managerial skills necessary for promotion.

Offerings include two certificates and an associate's degree. The degree program covers supervisory skills; manufacturing materials, processes and procedures;

and managerial functions, focusing on actual workplace issues. Later courses provide more concentrated study in production and inventory control, plant layout and material handling, personnel relations, cost and quality control, and maintenance and safety practices.

The courses in this program are arranged in a sequence that provides optimal learning opportunities. Students are required to follow the integrated program sequence.

For more information, visit: [www.mchenry.edu/manufacturing](http://www.mchenry.edu/manufacturing)

**The primary purpose of an Associate in Applied Science degree is to prepare students for employment. The AAS degree is not designed specifically for transfer; however, there are opportunities to apply some coursework or the whole degree to a bachelor's degree program. For more information, see an academic advisor and the department chair.**

### Requirements for the Associate in Applied Science (AAS) in Manufacturing Management

Curriculum: OCC 150	Credit Hours		
<b>General Education Core</b>			
<b>Communications</b> 2 courses ENG 151 and SPE 151 recommended	6	(3) ENG 105 Technical Communications (3) ENG 151 Composition I	(3) ENG 152 Composition II (3) SPE 151 Intro to Speech
<b>Social &amp; Behavioral Sciences</b> Select 1 course from Social & Behavioral Sciences SOC 151 recommended	3	<b>Social &amp; Behavioral Sciences</b> <i>Select from the following prefixes or course numbers:</i> ANT ECO (3) GEG 202 Geog. of the Developed World (3) GEG 203 Geog. of the Developing World (3) GEG 204 Economic Geography HIS PLT PSY SOC	

<b>Mathematics, Physical or Life Sciences, Technology</b> Select 1 course from Mathematics, Physical or Life Sciences, and 1 course from Technology AET 151 and MAT 106 recommended	6	<b>Mathematics</b> MAT (100 level or above)  <b>Physical or Life Sciences</b> <i>Select from the following prefixes or course numbers:</i> BIO CHM EAS (4) GEG 107 Physical Geography (3) GEG 123 Energy Resources (3) GEG 220 The Global Environment	<b>Physical or Life Sciences cont'd.</b> GEL (3) HFE 250 Nutrition for Wellness (4) HRT 103 Intro to Plant Science (4) HRT 105 Intro to Soil Science PHY  <b>Technology</b> (3) AET 151 Computer Aided Design Graphics I (3) GRA 100 Adobe Design Suite (3) PRG 105 Programming Logic (3) WEB 105 Web Fundamentals
<b>Program Core</b>	36	(3) IMT 102 Manufacturing Processes (3) IMT 103 Materials of Industry (3) IMT 104 Blueprint Reading for Manufacturing (3) IMT/MGT 110 Supervisory Responsibility (3) IMT 112 Training the Trainer (3) IMT 116 Industrial Safety Management (3) IMT 117 Supply Chain Management I (3) IMT 120 Metrology for Quality <b>or</b> (3) IMT 121 Quality Practices & Management	(3) IMT 135 Maintenance Management (3) IMT 210 Continuous Improvement Practices (3) IMT 215 Supply Chain Management II (3) IMT 261 Technical Portfolio Design I
<b>Program Electives</b>	9	<i>Select from the following prefixes and courses:</i> AET or IMT elective subject to department chair approval	(3) MGT 150 Principles of Management
<b>Total Degree Credits</b>	60		

**Other AAS Graduation Requirements:**

- 2.0 minimum cumulative GPA at MCC upon completion of program
- 15 semester hours of program-specific coursework taken at MCC
- Completion of graduation application
- Completion of end-of-program assessment as directed by this department