

Transferring to UNI

Eastern Iowa Community College Manufacturing Maintenance students interested in transferring to the University of Northern Iowa's Manufacturing Technology program will have the following courses left to complete at UNI.

Math-Science Core **12 SH**

MATH 1150 Calculus for Technology	
OR *MATH 1420 Calculus I	4
*CHEM 1020 Chemical Technology	
OR *CHEM 1110 General Chemistry I	4
*PHYSICS 1511 General Physics I	
OR PHYSICS 1701 Physics I for Science & Engineer	4

Technical Core **30 SH**

TECH 1008 Manufacturing Processes I	3
TECH 1010 Manufacturing Process II	3
TECH 1017 Computer-Aided Design & Drafting	3
TECH 2043 Managing Manufacturing Systems	3
TECH 2072 Engineering Materials	3
TECH 2080 Statics & Strengths of Materials	3
TECH 3142 Statistical Quality Control	3
TECH 3196 Industrial Safety	3
TECH 4112 Industrial Projects I	1
TECH 4187 Applied Indust. Supervision & Mgmt	3
TECH 4113 Industrial Projects II	2

Emphasis Area **12-15 SH**

Students will select one emphasis area

Design Emphasis	15
Metal Casting Emphasis	15
Advanced Manufacturing Emphasis	12

Liberal Arts Core **38 SH**

Category 1. Core Competencies 9 SH

- A. Reading and Writing
- B. Speaking and Listening
- D. Personal Wellness

Category 2. Civilizations & Cultures 9 SH

- A. Humanities
- B. Non-Western Cultures

Category 3. Fine Arts, Literature, Philosophy and Religion 6 SH

- A. Fine Arts
- B. Literature, Philosophy, or Religion

Category 4. Natural Science and Technology 3 SH

- A. Life Sciences

Category 5. Social Science 9 SH

- A. Sociocultural & Historical Perspectives
- B. Individual & Institutional Perspectives
- C. Topical Perspectives

Category 6. Capstone Experience 2 SH

Notes:

* This course will satisfy requirements for both the Liberal Arts Core and the major.

