

Transferring to UNI

Eastern Iowa Community College Mechanical Design Technology 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

8 SH

MATH 1150 Calculus for Technology

OR *MATH 1420 Calculus I 4

*CHEM 1020 Chemical Technology

OR *CHEM 1110 General Chemistry I 4

Technical Core

30 SH

TECH 1008 Manufacturing Processes I 3

TECH 1017 Computer-Aided Design & Draft 3

TECH 1010 Manufacturing Process II 3

TECH 2043 Managing Manufacturing Systems 3

TECH 2060 Fundamentals of Automated Mfg. 3

TECH 2072 Engineering 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 12

Metal Casting Emphasis 15

Advanced Manufacturing Emphasis 15

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.

