

Iowa Valley Community College
Associate of Arts (A.A.)
 Transfer guide to the [University of Northern Iowa](http://www.uni.edu)
Department of Applied Engineering & Technical Management

This document serves as a guide for students planning to complete an Associate of Arts (A.A.) degree and transfer into one of the Department of Applied Engineering & Technical Management programs at UNI. Listed below are recommendations for electives that can be taken within an Associate of Arts curriculum, broken down by program.

Automation Engineering Technology

| IVCC course | Course Title | | UNI course | Course Title |
|-------------|-------------------|-----------------|--------------|------------------------------|
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| MAT 210 | Calculus I | transfers as... | MATH 1420 | Calculus I |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |

Construction Management

| IVCC course | Course Title | | UNI course | Course Title |
|-----------------------|---|-----------------|--------------|------------------------------------|
| ACC 121 | Principles of Accounting I | transfers as... | ACCT 2120 | Principles of Financial Accounting |
| CHM 165 | General Chemistry I | transfers as... | CHEM 1020 | Chemical Technology |
| ECN 120 or ECN 130 | Prin. of Macroeconomics or Prin. of Microeconomics | transfers as... | ECON 1031 | Intro to Economics |
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| MAT 210 | Calculus I | transfers as... | MATH 1420 | Calculus I |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |

Electrical Engineering Technology

| IVCC course | Course Title | | UNI course | Course Title |
|-------------|-------------------|-----------------|--------------|------------------------------|
| MAT 129 | Precalculus | transfers as... | MATH 1140 | Precalculus |
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| MAT 210 | Calculus I | transfers as... | MATH 1420 | Calculus I |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |

Manufacturing Engineering Technology

| IVCC course | Course Title | | UNI course | Course Title |
|-------------|---------------------|-----------------|--------------|------------------------------|
| CHM 165 | General Chemistry I | transfers as... | CHEM 1020 | Chemical Technology |
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| MAT 210 | Calculus I | transfers as... | MATH 1420 | Calculus I |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |

Technology & Engineering Education

| IVCC course | Course Title | | UNI course | Course Title |
|-------------|---------------------|-----------------|------------|---------------------------------------|
| CHM 165 | General Chemistry I | transfers as... | CHEM 1020 | Chemical Technology |
| EDU 245 | Exceptional Learner | transfers as... | SPED 3150 | Meeting the Needs of Diverse Learners |

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|---------|--------------------------------------|-----------------|---------------|------------------------------|
| EDU 282 | Field Experience: Exploring Teaching | transfers as... | TEACHING 2017 | Level 1 Field Experience |
| MAT 129 | Precalculus | transfers as... | MATH 1140 | Precalculus |
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |

Technology Management

| IVCC course | Course Title | | UNI course | Course Title |
|--------------------|---------------------|-----------------|-------------------|------------------------------|
| CHM 165 | General Chemistry I | transfers as... | CHEM 1020 | Chemical Technology |
| MAT 156 | Statistics | transfers as... | STAT 1772 | Intro to Statistical Methods |
| PHY 162 | College Physics I | transfers as... | PHYSICS 1511 | General Physics I |