

Iowa Western Community College
Associate of Arts (A.A.)
Transfer guide to the [University of Northern Iowa](#)
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

IWCC course	Course Title		UNI course	Course Title
MAT 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
MAT 211	Calculus I	transfers as...	MATH 1420	Calculus I
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Construction Management

IWCC course	Course Title		UNI course	Course Title
ACC 121	Principles of Accounting I	transfers as...	ACCT 2120	Principles of Financial Accounting
CHM 166	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 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
MAT 211	Calculus I	transfers as...	MATH 1420	Calculus I
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Electrical Engineering Technology

IWCC course	Course Title		UNI course	Course Title
MAT 129	Precalculus	transfers as...	MATH 1140	Precalculus
MAT 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
MAT 211	Calculus I	transfers as...	MATH 1420	Calculus I
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Manufacturing Engineering Technology

IWCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
MAT 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
MAT 211	Calculus I	transfers as...	MATH 1420	Calculus I
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Technology & Engineering Education

IWCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
EDU 219	Field Experience & Seminar	transfers as...	TEACHING 2017	Level 1 Field Experience
EDU 245	Exceptional Learner	transfers as...	SPED 3150	Meeting the Needs of Diverse Learners

MAT 129	Precalculus	transfers as...	MATH 1140	Precalculus
MAT 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Technology Management

IWCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
MAT 157	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
PHY 156	General Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I