

Southwestern 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

SCC 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 (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Construction Management

SCC 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 (& Lab)	transfers as...	CHEM 1020	Chemical Technology
ECN 110 or ECN 120 or ECN 130	Intro to Economics or 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 (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Electrical Engineering Technology

SCC course	Course Title		UNI course	Course Title
CIS 161	C++	transfers as...	CS 1160	C/C+ Programming
MAT 128	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 (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Manufacturing Engineering Technology

SCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I (& Lab)	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 (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Technology & Engineering Education

SCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I (& Lab)	transfers as...	CHEM 1020	Chemical Technology

EDU 245	Exceptional Learner	transfers as...	SPED 3150	Meeting the Needs of Diverse Learners
MAT 128	Precalculus	transfers as...	MATH 1140	Precalculus
MAT 156	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
PHY 162	College Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I

Technology Management

SCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I (& Lab)	transfers as...	CHEM 1020	Chemical Technology
MAT 156	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods
PHY 162	College Physics I (& Lab)	transfers as...	PHYSICS 1511	General Physics I