

**Indian Hills Community College**  
**Associate of Arts (A.A.) or Associate of Science (A.S.)**  
 Transfer guide to the [University of Northern Iowa](http://www.uni.edu)  
**Department of Applied Engineering**

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

**Automation Engineering Technology**

IHCC 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

**Electrical Engineering Technology**

IHCC course	Course Title		UNI course	Course Title
MAT 125	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

**Industrial Management**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1110	General Chemistry I
MAT 156	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods

**Manufacturing Engineering Technology**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1110	General Chemistry I
MAT 210	Calculus I	transfers as...	MATH 1420	Calculus I

**Materials Science & Engineering**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1110	General Chemistry I
CHM 176	General Chemistry II	transfers as...	CHEM 1120	General Chemistry II
MAT 210	Calculus I	transfers as...	MATH 1420	Calculus I
MAT 216	Calculus II	transfers as...	MATH 1420	Calculus II

**Materials Science & Engineering Technology**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1110	General Chemistry I
CHM 176	General Chemistry II	transfers as...	CHEM 1120	General Chemistry II
MAT 210	Calculus I	transfers as...	MATH 1420	Calculus I

**Mechanical Engineering Technology**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1110	General Chemistry I
MAT 210	Calculus I	transfers as...	MATH 1420	Calculus I

**Technology & Engineering Education**

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
MAT 125	Precalculus	transfers as...	MATH 1140	Precalculus