

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 & Technical Management

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 & Technical Management 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 1150 or MATH 1420	Calculus for Technology or Calculus I

Construction Management

IHCC course	Course Title		UNI course	Course Title
ACC 152	Financial Accounting	transfers as...	ACCT 2120	Principles of Financial Accounting
CHM 166	General Chemistry I	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 1150 or MATH 1420	Calculus for Technology or 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

Manufacturing Engineering Technology

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
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 1421	Calculus II
MAT 219	Calculus III	transfers as...	MATH 2422	Calculus III

PHY 200 & PHY 201	Classical Physics I & Classical Physics II	transfers as...	PHYSICS 1701	Physics I for Science & Engineering
PHY 201 & PHY 202	Classical Physics II & Classical Physics III	transfers as...	PHYSICS 1702	Physics II for Science & Engineering

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
PSY 223	Child & Adolescent Psychology	transfers as...	EDPSYCH 2030	Dynamics of Human Development
EDU 246	Including Diverse Learners	transfers as...	SPED 3150	Meeting the Needs of Diverse Learners
EDU 218	Initial Field Experience	transfers as...	TEACHING 2017	Level 1 Field Experience
MAT 125	Precalculus	transfers as...	MATH 1140	Precalculus
MAT 156	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods

Technology Management

IHCC course	Course Title		UNI course	Course Title
CHM 166	General Chemistry I	transfers as...	CHEM 1020	Chemical Technology
MAT 156	Statistics	transfers as...	STAT 1772	Intro to Statistical Methods