

# North Iowa Area Community College Transfer Guide

North Iowa Area Community College/Iowa State University  
Department of Agriculture and Biosystems Engineering

## Industrial Technology

NIACC Catalog; ISU 2015-2016 Catalog

- This course list is meant to act as a *guide* - accepted courses are subject to change. Please contact an ABE advisor (<http://www.abe.iastate.edu/undergraduate-students/advising-for-ast-i-tech/>) for the most up-to-date course information.
- To compare ISU courses with transfer courses from NIACC, you can access the transfer equivalency guide at: <http://www.admissions.iastate.edu/equiv/index.php?state=iowa>.

### Recommended Core Courses for Industrial Technology.

Options are available for *Manufacturing* or *Occupational Safety*.

<b>NIACC Courses</b>	<b>Title</b>	<b>Cr.</b>	<b>ISU Course</b>
----------------------	--------------	------------	-------------------

#### Interpersonal and Public Communication Skills

ENG 105	Composition I	3	ENGL 150
ENG 106	Composition II	3	ENGL 250
SPC 112	Public Speaking	3	SP CM 212

#### Mathematical, Physical, and Life Sciences

	MAT 165	Calculus (Business)	3	MATH 151	} <b>Math Requirement:</b> -Math 151 + Math 145 (at ISU) <b>OR</b> -Math 165 alone
	MAT 210	Calculus I	4	MATH 165	
	PHY 162	College Physics I	4	PHYS 111	
Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L	} CHM 151	Introduction to Statistics	3	STAT 104	
		College Chemistry I	4	CHEM 163	
		College Chemistry I Lab	1	CHEM 163L	
	BIO 102	Introductory Biology	3	BIOL 101	
		<b>OR</b>			
	Bio 202	Biology I	4	BIOL 2T**	} Either BIO 202 or 203 will count for BIOL 211
		<b>OR</b>			
	Bio 203	Biology II	4	BIOL 2T**	

#### **Life Sciences**

(3 credits needed)

For a complete list of **Life Science** courses at ISU please visit:

[http://www.agstudent.iastate.edu/agriculturestudentservices/life\\_science.htm](http://www.agstudent.iastate.edu/agriculturestudentservices/life_science.htm).

Compare this list with the Transfer Equivalency guide for your institution to choose your 3 credits of life sciences.

#### Business, Humanities, Ethics and Social Sciences

ECN 130	Principles of Microeconomics	3	ECON 101
ACC 121	Principles of Accounting I	3	ACCT 284

**For Humanities, International Perspectives, and U.S. Diversity, accepted courses are subject to change. Please check with an ABE advisor for the most popular courses, how to double count courses to fulfill more than one academic requirement, and current updates.**

#### **Humanities**

(3 credits needed)

MUS 100	Music Appreciation	3	MUSIC 102
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
EDU 235	Children's Literature	3	HD FS 240

HIS 112	Western Civilization: Ancient to Early Modern	4	HIST 201
HIS 113	Western Civilization: Early Modern to Present	4	HIST 202
HIS 151	U.S. History to 1877	3	HIST 221
HIS 152	U.S. History since 1877	3	HIST 222
PHI 101	Introduction to Philosophy	3	PHIL 201
PHI 105	Introduction to Ethics	3	PHIL 230
DRA 119	Introduction to Theatre, TV and Film	3	THTRE 106

\* These are Humanities courses that have transferred in the past.

For a complete list of **Humanities** courses at ISU please visit:

<http://www.agstudent.iastate.edu/agriculturestudentservices/humanities.htm>

### International Perspective

(3 credits needed)

MUS 100	Music Appreciation	3	MUSIC 102
ANT 105	Cultural Anthropology	3	ANTHR 201
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
HIS 112	Western Civilization: Ancient to Early Modern	4	HIST 201
HIS 113	Western Civilization: Early Modern to Present	4	HIST 202
POL 121	International Relations	3	POL S 251
FLS 142	Elementary Spanish II*	4	SPAN 102

\* or higher level of foreign language course

\* These are International Perspectives courses that have transferred in the past.

For a complete list of **International Perspective** courses at ISU please visit:

<http://www.registrar.iastate.edu/students/div-ip-guide/IntlPerspectives-current>

For a complete list of non-equivalent transfer courses approved for use as International Perspectives please visit:

<http://www.registrar.iastate.edu/sites/default/files/uploads/courses/TransferIP.pdf>

### U.S. Diversity

(3 credits needed)

EDU 235	Children's Literature	3	HD FS 240
EDU 246	Including Diverse Learners	3	SP ED 250
SOC 115	Social Problems	3	SOC 235

\* These are U.S. Diversity courses that have transferred in the past.

For a complete list of **U.S. Diversity** courses at ISU please visit:

<http://www.registrar.iastate.edu/students/div-ip-guide/usdiversity-courses>

For a complete list of non-equivalent transfer courses approved for use as U.S. Diversity Requirement please visit:

<http://www.registrar.iastate.edu/sites/default/files/uploads/courses/TransferDiv.pdf>

### Option Core for Management

ELT 790	Fluid Power	3	TSM 337
---------	-------------	---	---------

### Option Core for Machinery

Both must be taken to earn credit for ECON 230		AGB 213	Ag Real Estate Evaluation	4	ECON 230
		AGB 465	Ag Finance Management		

**A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY**