

# Northwest Iowa Area Community College Transfer Guide

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

## Industrial Technology Curriculum

NWICC 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 NWICC, 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* and *Occupational Safety*.

NWICC Courses	Title	Cr.	ISU Course	
<b>Interpersonal and Public Communication Skills</b>				
ENG 105	Composition I	3	ENGL 150	
ENG 106	Composition II	3	ENGL 250	
	<b>OR</b>			
ENG 108	Composition II: Technical Writing	3	ENGL 250	
SPC 112	Public Speaking	3	SP CM 212	
<b>Mathematical, Physical, and Life Sciences</b>				
MAT 210	Calculus I	4	MATH 165	} <b>Math Requirement:</b> Credit for Math 165 fulfills requirement for Math 145 & 151
	<b>OR</b>			
MAT 211	Calculus I	5	MATH 165	
PHY 110	Survey of Physics I	3	PHYS 111	
MAT 156	Statistics	3	STAT 104	
CHM 151	College Chemistry I	4	CHEM 163	
	College Chemistry I Lab	1	CHEM 163L	
BIO 102	Introductory Biology	3	BIOL 2T**	} <b>Biology Requirement</b> - BIO 102, 105, 106, OR 114 -PLUS 3 credits of additional Life Sciences from the approved list below
	<b>OR</b>			
BIO 105	Introductory Biology	4	BIOL 101	
	<b>OR</b>			
Bio 106	Introductory Biology II	3	BIOL 2T**	
	<b>OR</b>			
Bio 114	General Biology	4	BIOL 101	

### 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 131	Principles of Accounting I	4	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
REL 101	Survey of World Religions	3	RELIG 205
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
LIT 101	Introduction to Literature	3	ENGL 201
EDU 235	Children's Literature	3	HD FS 240
HIS 110	Western Civilization: Ancient to Early Modern	3	HIST 201
HIS 111	Western Civilization: Early Modern to Present	3	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 101	Introduction to Theatre	3	THTR 106

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

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
REL 101	Survey of World Religions	3	RELIG 205
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 110	Western Civilization: Ancient to Early Modern	3	HIST 201
HIS 111	Western Civilization: Early Modern to Present	3	HIST 202
FLS 132	Elementary Spanish II*	3	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/IntIPerspectives-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	Exceptional Learner	3	SP ED 250
PSY 261	Human Sexuality	3	HD FS 276
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>

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