

Iowa Western Community College Transfer Guide

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

Industrial Technology

IWCC 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 IWCC, 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*.

IWCC Courses	Title	Cr.	ISU Course
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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

Both PHY 156&157 must be taken to receive credit for PHYS 111	MAT 211	Calculus I	5	MATH 165	→ Math Requirement: Credit for Math 165 fulfills requirement for Math 145 & 151
	PHY 156 PHY 157	General Physics I General Physics I Lab	5	PHYS 111	
	CHM 122	Introduction to General Chemistry	3	CHEM 163	
		Introduction to General Lab	1	CHEM 163L	
	BIO 105	Introductory Biology	4	BIOL 101	
		OR			
	BIO 112	General Biology I	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIOL 211
		OR			
	Bio 113	General 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.

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
REL 101	Survey of World's Religions	3	RELIG 205
EDU 235	Children's Literature	3	HD FS 240
HIST 110	West Civ: Ancient to Early Modern	3	HIST 201
HIST 111	West Civ: Early Modern to Present	3	HIST 202
HIST 151	U.S. History to 1877	3	HIST 221
HIST 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.

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
HIST 110	West Civ: Ancient to Early Modern	3	HIST 201
HIST 111	West Civ: Early Modern to Present	3	HIST 202
POL 121	International Relations	3	POL S 241
POL 135	World Politics	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 245	Exceptional Learner	3	SP ED 250
ECE 287	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>

Technology Core

EGR 165	Engineering II	3	TSM 115
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A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY