

Iowa Valley (Marshalltown & Ellsworth) Community College Transfer Guide

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

Industrial Technology

IVCC 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 IVCC, 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*.

IVCC Courses	Title	Cr.	ISU Course
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	Business Calculus	3	MATH 151
MAT 210	Calculus I	4	MATH 165
PHY 162	College Physics I	4	PHYS 111
MAT 156	Statistics	3	STAT 104
CHM 122	Introduction to General Chemistry	3	CHEM 163
	Introduction to General Chemistry Lab	1	CHEM 163L
BIO 111	General Biology	3	BIOL 211
	OR		
BIO 112	General Biology I	4	BIOL 2T**
	OR		
Bio 113	General Biology II	4	BIOL 2T**

Math Requirement:

-Math 151 + Math 145 (at ISU) **OR**
-Math 165 alone

} Either BIO 112 or 113 will count for BIO 211

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	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 Religions	3	RELIG 205
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
LIT 101	Introduction to Literature	3	ENGL 201
PHI 101	Introduction to Philosophy	3	PHIL 230
PHI 105	Introduction to Ethics	3	PHIL 230
DRA 102	Elements of Theatre	3	THTRE 106
FLS 241*	Intermediate Spanish I*	4	SPAN 201
FLS 242*	Intermediate Spanish II*	4	SPAN 202

** or higher level of foreign language course*

* 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
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
FLR 142	Elementary Russian II*	4	RUS 102
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 245	Exceptional Learner	3	SP ED 250
EDU 235	Children's Literature	3	HD FS 240
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 Machine Systems

EGT 128	Statics	3	TSM 443
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A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY