

Kirkwood Community College Transfer Guide

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

Industrial Technology

KCC 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 KCC, 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*.

KCC Courses	Title	Cr.	ISU Course
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Interpersonal and Public Communication Skills

ENG 105	Composition I	3	ENGL 150 LIB 160
ENG 106	Composition II	3	ENGL 250
	OR		
ENG 108	Composition II: Technical Writing	3	ENGL 250
SPC 101	Fundamentals of Oral Communication	3	SP CM 212
	OR		
SPC 112	Public Speaking	3	SP CM 212

Mathematical, Physical, and Life Sciences

Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L	MAT 165	Business Calculus	3	MATH 151	Math Requirement: -Math 151 + Math 145 (at ISU) OR -Math 165 alone	
	MAT 210	Calculus I	4	MATH 165		
	PHY 162	College Physics I	5	PHYS 111		
	}	CHM 165	General Chemistry I	4	CHEM 177	
			General Chemistry I Lab	1	CHEM 177L	
		BIO 104	Introductory Biology w/lab	3	BIOL 101	
			OR			
		Bio 112	General Biology I w/lab	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIOL 211
			OR			
		Bio 113	General Biology II w/lab	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 152	Financial Accounting	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
HIS 254	American Indian History	3	AM IN 210
ART 203	Art History I	3	ART H 280

ART 204	Art History II	3	ART H 281
DRA 101	Introduction to Theatre	3	THTRE 106
HIS 151	U.S. History to 1877	3	HIST 221
HIS 152	U.S. History since 1877	3	HIST 222
HIS 291	History of Science	3	HIST 281
LIT 105	Children's Literature	3	HD FS 240
PHI 101	Introduction to Philosophy	3	PHIL 201
PHI 105	Introduction to Ethics	3	PHIL 230

* 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
POL 121	International Relations	3	POL S 251
POL 125	Comparative Government & Politics	3	POL S 241
FLF 142	Elementary French II*	4	FRNCH 102
FLS 142	Elementary Spanish II*	4	SPAN 102
FLG 142	Elementary German II*	4	GER 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 248	Exceptional Persons	3	SP ED 250
HIS 254	American Indian History	3	AM IN 210
LIT 105	Children's Literature	3	HD FS 240
PSY 261	Human Sexuality	3	HD FS 276
REL 140	Religion in the US	3	RELIG 210
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

DRF 142	Engineering Design I	3	TSM 116
	OR		
DRF 143	Engineering Design II	3	TSM 216

Option Core for Management

AGP 333	Precision Farming Systems	3	TSM 333
AGB 330	Farm business Management	3	ECON 230

Option Core for Machinery

AGP 333	Precision Farming Systems	3	TSM 333
MFG 202	Manufacturing Processes	2	TSM 240
EGT 146	Hydraulics	3	TSM 337

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