

# Kirkwood Community College Transfer Guide

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

## AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

KCC Catalog; ISU 2013-2014 Catalog

- This Agricultural Systems Technology transfer plan was accurate on the date it was prepared but may not reflect subsequent changes by ISU or your transfer institution. The transfer plan should be used as a guide only and should not replace consultation with an adviser at your current institution and ISU.
- 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 Agricultural Systems Technology.

Options are available for Machine Systems or Agricultural and Biosystems Management.

<b>KCC Courses</b>	<b>Title</b>	<b>Cr.</b>	<b>ISU Course</b>
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#### Interpersonal and Public Communication Skills

ENG105	Composition I	3	ENGL 150
		R	LIB 160
ENG106	Composition II	3	ENGL 250
	<b>OR</b>		
ENG108	Composition II: Technical Writing	3	ENGL 250
SPC101	Fundamentals of Oral Communication	3	SP CM 212
	<b>OR</b>		
SPC112	Public Speaking	3	SP CM 212

#### Mathematical, Physical, and Life Science

	MAT136	Trigonometry and Analytic Geometry	5	MATH 142	} <b>Math Requirement:</b> - Math 142 & 160 in combination <b>OR</b> - Math 165 alone
	MAT175	Calculus for the Biological Sciences	4	MATH 160	
		<b>OR</b>			
	MAT210	Calculus I	4	MATH 165	
Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L	PHY162	College Physics I	4	PHYS 111	
	CHM 165	General Chemistry I	4	CHEM 177	
		General Chemistry I Lab	1	CHEM 177L	
	BIO104	Introductory Biology w/lab	3	BIOL 101	
		<b>OR</b>			
	BIO 112	General Biology I w/lab	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIOL 211
		<b>OR</b>			
	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](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

ECN130	Principles of Microeconomics	3	ECON 101
ACC152	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 <sup>a</sup>***(3 credits needed)*

MUS100	Music Appreciation	3	MUSIC 102
REL101	Survey of World Religions	3	RELIG 205
HIS 254	American Indian History	3	AM IN 210
ART203	Art History I	3	ART H 280
ART204	Art History II	3	ART H 281
DRA101	Introduction to Theater	3	THTR 106
HIS 151	U.S. History to 1877	3	HIST 221
HIS152	U.S. History since 1877	3	HIST 222
HIS291	History of Science	3	HIST 281
LIT 105	Children's Literature	3	HD FS 240
PHI101	Introduction to Philosophy	3	PHIL 201
PHI105	Introduction to Ethics	3	PHIL 230

<sup>a</sup> These are examples of 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 <sup>b</sup>***(3 credits needed)*

MUS 100	Music Appreciation	3	MUSIC 102
REL101	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 and Politics	3	POL S 241
FLF 142	Elementary French II	4	FRNCH 102
FLS142	Elementary Spanish II	4	SPAN 102
FLG142	Elementary German II	4	GER 102

<sup>b</sup> These are International Perspectives courses that have transferred in the past.For a complete list of **International Perspectives** 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 Perspective please visit: <http://www.registrar.iastate.edu/sites/default/files/uploads/courses/TransferIP.pdf>**U.S. Diversity <sup>c</sup>***(3 credits needed)*

DSV 200	Exceptional Persons	3	SP ED 250
HIS 254	American Indian History	3	AM IN 210
LIT 105	Children's Literature	3	HD FS 240
PSY261	Human Sexuality	3	HD FS 276
REL 101	Survey of World Religions	3	RELIG 205
SOC115	Social Problems	3	SOC 235

<sup>c</sup> 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**

DRF142	Engineering Design I	3	TSM 116
	<b>OR</b>		
DRF 143	Engineering Design II	3	TSM 116

**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

EGT146

Hydraulics

3

TSM 337

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