

Iowa Central Community College Transfer Guide

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

Industrial Technology

ICCC 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 ICCC, 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*.

ICCC Courses	Title	Cr.	ISU Course		
Interpersonal and Public Communication Skills					
ENG 105	Composition I	3	ENGL 150		
	Composition I: Library	R	LIB 160		
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	Math Requirement: - Math 151 + Math 145 (at ISU) OR -Math 165 alone	
MAT 210	Calculus I	4	MATH 165		
MAT 156	Statistics	3	STAT 104		
PHY 162	College Physics I	4	PHYS 111		
CHM 110	Introduction to Chemistry	3	CHEM 163		
AND					
CHM 111	Introduction to Chemistry Lab	1	CHEM 163L		
BIO 102	Introductory Biology	3	BIOL 101	Either BIO 112 or 113 will count for BIOL 211	
OR					
BIO 112	General Biology I	4	BIOL 2T**		
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 142	Financial 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 104	Exploring Music	3	MUSIC 102
REL 105	Introduction to Religion	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
LIT 101	Introduction to Literature	3	ENGL 201
DRA 101	Introduction to Theatre	3	THTRE 106
PHI 145	Introduction to Ethical Conflicts	3	PHIL 230
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

* 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 104	Exploring Music	3	MUSIC 102
REL 105	Introduction to Religion	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
POL 121	International Relations	3	POL S 251
FLG 142	Elementary German II*	4	GER 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/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
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

When taken together
these courses will
transfer as TSM 115

MAT 180	Engineering Problems C++	3	TSM 115
CIS 162			

Option Core for Management

AGB 330	Farm Business Management	3	ECON 230
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A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY