

Southeastern Community College Transfer Guide

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

Industrial Technology

SECC 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 SECC, 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*.

SECC 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

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 160	General Physics I	5	PHYS 111	
	MAT 156	Statistics	3	STAT 104	
	CHM 165	General Chemistry I	4	CHEM 177	
		General Chemistry I Lab	1	CHEM 177L	
	BIO 109	Concepts of Life OR	4	BIOL 101	
	BIO 112	General Biology I OR	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIO 211
	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	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's Religions	3	RELIG 205
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
LIT 101	Introduction to Literature	3	ENGL 201
LIT 105	Children's Literature	3	HD FS 240
HIS 131	World Civilization I	3	HIST 201

HIS 132	World Civilization II	3	HIST 202
HIS 151	U.S. History to 1877	3	HIST 221
HIS 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
OR			
PHI 122	Philosophy of Contemporary Issues	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
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
HIS 131	World Civilization I	3	HIST 201
HIS 132	World Civilization II	3	HIST 202
FLF 142	Elementary French II*	4	FRNCH 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 247	Teaching Exceptional Learners	3.5	SP ED 250
LIT 105	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 Management

AGB 330	Farm Business Management	3	ECON 230
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Option Core for Machine Systems

CSC 140	Computer Fundamentals	3.5 or 4	TSM 216
MFG 546	Statics/Strength of Materials	3	TSM 443

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