

North Iowa Area Community College Transfer Guide

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

AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

NIACC 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 NIACC, 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.

| NIACC Courses | Title | Cr. | ISU Course |
|----------------------|--------------|------------|-------------------|
|----------------------|--------------|------------|-------------------|

Interpersonal and Public Communication Skills

| | | | |
|--|---------------------------|---|-----------|
| ENG102* | Composition and Speech I | 4 | ENGL 150 |
| | | 2 | SP CM 212 |
| ENG103* | Composition and Speech II | 4 | ENGL 250 |
| | | R | LIB 160 |
| *When ENGL 102 and ENGL 103 are both taken, the four courses listed above will transfer. | | | |
| ENG105 | Composition I | 3 | ENGL 150 |
| ENG106 | Composition II | 3 | ENGL 250 |
| SPC111 | Public Speaking | 2 | SP CM 212 |

Mathematical, Physical, and Life Science

| | | | |
|--------|----------------------------|---|-----------|
| MAT128 | Precalculus | 4 | MATH 142 |
| MAT210 | Calculus I | 4 | MATH 165 |
| PHY162 | College Physics I | 4 | PHYS 111 |
| MAT156 | Introduction to Statistics | 3 | STAT 104 |
| CHM153 | College Chemistry I | 4 | CHEM 163 |
| | College Chemistry I Lab | 1 | CHEM 163L |
| BIO102 | Introductory Biology | 3 | BIOL 101 |
| | OR | | |
| BIO202 | Biology I | 4 | BIOL 2T** |
| | OR | | |
| BIO203 | Biology II | 4 | BIOL 2T** |

Math Requirement:
- Math 142 & 160 in combination **OR**
- Math 165 alone

Either BIO 202 or 203 will count for BIOL 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

| | | | |
|--------|------------------------------|---|----------|
| ECN130 | Principles of Microeconomics | 3 | ECON 101 |
| ACC121 | Principals of Accounting I | 3 | ACCT 284 |

Humanities ^a

(3 credits needed)

| | | | |
|---------|--------------------|---|-----------|
| MUS 100 | Music Appreciation | 3 | MUSIC 102 |
| ART203 | Art History I | 3 | ART H 280 |

| | | | |
|---------|---|---|-----------|
| ART204 | Art History II | 3 | ART H 281 |
| EDU 235 | Children's Literature | 3 | HD FS 240 |
| HIS112 | Western Civilization: Ancient to Early Modern | 4 | HIST 201 |
| HIS113 | 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 |
| PHI101 | Introduction to Philosophy | 3 | PHIL 201 |
| PHI105 | Introduction to Ethics | 3 | PHIL 230 |
| DRA 119 | Introduction to Theatre, TV and Film | 3 | THRE 106 |

^a These are Humanities courses that have transferred in the past are listed below.
 For a complete list of **Humanities** courses at ISU please visit:
<http://www.agstudent.iastate.edu/agriculturestudentservices/humanities.htm>

International Perspective ^b
(3 credits needed)

| | | | |
|---------|---|---|-----------|
| MUS 100 | Music Appreciation | 3 | MUSIC 102 |
| 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 |
| FLS142 | Elementary Spanish II | 4 | SPAN 102 |

^b 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 ^c
(3 credits needed)

| | | | |
|---------|----------------------------|---|-----------|
| EDU 235 | Children's Literature | 3 | HD FS 240 |
| EDU 246 | Including Diverse Learners | 3 | SP ED 250 |
| SOC 115 | Social Problems | 3 | SOC 235 |

^c 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

| | | | |
|--------|-------------|---|---------|
| ELT790 | Fluid Power | 3 | TSM 337 |
|--------|-------------|---|---------|

Option Core for Management

| | | | |
|--|--|---|----------|
| Both must be taken to earn credit for ECON 230 | | 4 | ECON 230 |
| | | | |

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