**Iowa Valley (Marshalltown & Ellsworth) Community College   
Transfer Guide**

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

**agricultural systems technology curriculum**

IVCC Catalog; ISU 2014-2015 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 IVCC, 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.**

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| ***IVCC Courses*** | ***Title*** | ***Cr.*** | ***ISU Course*** |
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| **Interpersonal and Public Communication Skills** |

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| ENG105 | English Composition I | 3 | ENGL 150 |
|  | **OR** |  |  |
| ENG155 | Honors Composition I | 3 | ENGL150 |
| ENG106 | English Composition II | 3 | ENGL 250 |
|  | **OR** |  |  |
| ENG156 | Honors Composition II | 3 | ENGL 250 |
| SPC112 | Public Speaking | 3 | SPCM 212 |
|  |  |  | **Math Requirement:**  Credit for Math 165 fulfills requirement for Math 145 & 151 at ISU |

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| **Mathematical, Physical, and Life Sciences** |  |  |

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| MAT165 | Business Calculus | 3 | MATH 151 |
| MAT210 | Calculus I | 4 | MATH 165 |
| PHY162 | College Physics I | 4 | PHYS 111 |
| MAT156 | Statistics | 3 | STAT 104 |
| CHM122 | Introduction to General Chemistry | 3 | CHEM 163 |
|  | Introduction to General Chemistry Lab | 1 | CHEM 163L |
| BIO111 | General Biology | 3 | BIOL 211 |
|  | **OR** |  | Either BIO 112 or 113 will count for BIOL 211 |
| BIO112 | General Biology I | 4 | BIOL 2T\*\* |
|  | **OR** |  |  |
| BIO113 | General Biology II | 4 | BIOL 2T\*\* |
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| **Life Sciences** *(3 credits needed)* |  |  |  |

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| 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. |
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| **Business, Humanities, Ethics and Social Sciences** |

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| ECN130 | Principles of Microeconomics | 3 | ECON 101 |
| ACC121 | Principles of Accounting | 3 | ACCT 284 |
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| ***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.*** |

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| **Humanities a** *(3 credits needed)* |  |  |  |
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| MUS100 | Music Appreciation | 3 | MUSIC 102 |
| REL101 | Survey of World Religions | 3 | RELIG 205 |
| ART203 | Art History I | 3 | ART H 280 |
| ART204 | Art History II | 3 | ART H 281 |
| EDU235 | 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 |
| HIS151 | U.S. History to 1877 | 3 | HIST 221 |
| HIS152 | U.S. History since 1877 | 3 | HIST 222 |
| LIT101 | Introduction to Literature | 3 | ENGL 201 |
| PHI101 | Introduction to Philosophy | 3 | PHIL 201 |
| PHI105 | Introduction to Ethics | 3 | PHIL 230 |
| DRA102 | Elements of Theatre | 3 | THTRE 106 |

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| a 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> |

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| **International Perspective b**  *(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 |
| HIS 112 | Western Civilization: Ancient to Early Modern | 4 | HIST 201 |
| HIS 113 | Western Civilization: Early Modern to Present | 4 | HIST 202 |
| FLR142 | Elementary Russian II | 4 | RUS 102 |
| FLS142 | Elementary Spanish II | 4 | SPAN 102 |

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| 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> |

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| **U.S. Diversity c**  *(3 credits needed)* |  |  |  |
| EDU245 | Exceptional Learner | 3 | SP ED 250 |
| EDU235 | Children’s Literature | 3 | HD FS 240 |
| SOC115 | Social Problems | 3 | SOC 235 |

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| 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> |

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| **Option Core for Machine Systems** | |  |  |
| EGT 128 | Statics | 3 | TSM 443 |
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| ***A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY*** | | | |