**Kirkwood Community College Transfer Guide**

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

**agricultural systems technology curriculum**

KCC 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 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.**

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| ***KCC Courses*** | ***Title*** | ***Cr.*** | ***ISU Course*** |
|  |  |  |  |
| **Interpersonal and Public Communication Skills** | | | |
| ENG105 | Composition I | 3 | ENGL 150 |
|  |  | R | LIB 160 |
| ENG106 | Composition II | 3 | ENGL 250 |
|  | **OR** |  |  |
| ENG108 | Composition II: Technical Writing | 3 | ENGL 250 |
| SPC101 | Fundamentals of Oral Communication | 3 | SP CM 212 |
|  | **OR** |  |  |
| SPC112 | Public Speaking | 3 | SP CM 212 |
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| **Mathematical, Physical, and Life Science**  **Math Requirement:**  Credit for Math 165 fulfills requirement for Math 145 & 151 at ISU | | | |
| MAT165 | Business Calculus | 3 | MATH 151 |
| MAT210  Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L | Calculus I | 4 | MATH 165 |
| 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 |
|  | **OR** |  | Either BIO 112 or 113 will count for BIOL 211 |
| BIO 112 | General Biology I w/lab | 4 | BIOL 2T\*\* |
|  | **OR** |  |  |
| BIO 113 | General Biology II w/lab | 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** | | | | |
| ECN130 | Principles of Microeconomics | | 3 | ECON 101 |
| ACC152 | Financial Accounting | | 4 | 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 |
| 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 | | THTRE 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 |
| 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 | |
| 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 | |

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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)* |  |  |  |
| 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 |

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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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| **Technology Core** |  |  |  |
| DRF142 | Engineering Design I | 3 | TSM 116 |
|  | **OR** |  |  |
| DRF 143 | Engineering Design II | 3 | TSM 116 |
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| **Option Core for Management** | |  |  |
| AGP 333 | Precision Farming Systems | 3 | TSM 333 |
| AGB 330 | Farm Business Management | 3 | ECON 230 |
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| **Option Core for Machinery** | |  |  |
| AGP 333 | Precision Farming Systems | 3 | TSM 333 |
| MFG 202 | Manufacturing Processes | 2 | TSM 240 |
| EGT146 | Hydraulics | 3 | TSM 337 |
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| ***A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY*** | | | |