**Northeast Iowa Community College Transfer Guide**

**Northeast Iowa Community College/Iowa State University**

**Department of Agriculture and Biosystems Engineering**

**Industrial Technology**

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

***NICC Courses* Title Cr. *ISU Course***

**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 |

**Math Requirement:**

Credit for Math 165 fulfills requirement for Math 145 & 151 at ISU

**Mathematical, Physical, and Life Sciences**

|  |  |  |  |
| --- | --- | --- | --- |
| MAT: 210 | Calculus I | 4 | MATH 165 |
| PHY: 162 | College Physics I | 4 | PHYS 111 |
| MAT: 156 | Statistics | 3 | STAT 104 |
| CHM: 110 | Introduction to Chemistry | 3 | CHEM 163  When BIO 112 and BIO 113 are both taken, the courses will transfer as BIOL 211(3), BIOL 211L(1), BIOL 212(3), and BIOL 212L (1). |
| CHM: 111 | Introduction to Chemistry Lab | 1 | CHEM 163L |
| BIO: 112 | General Biology I | 4 | BIOL 2T\*\* |
| 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: 152 | 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: 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 |
| LIT: 101 | Introduction to Literature | 3 | ENGL 201 |
| EDU: 235 | 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 |

\* 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: 105 | Introduction to Religion | 3 | RELIG 205 |
| SOC: 208 | Introduction to Cultural Anthropology | 3 | ANTHR 201 |
| 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 |
| 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/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: 235 | Children’s Literature | 3 | HD FS 240 |
| EDU: 175 | Introduction to Human Disabilities and Services | 3 | SP ED 250 |
| HSV: 162 | Introduction to Human Disabilities and Services | 3 | SP ED 250 |
| HUM: 170 | Introduction to Women’s Studies | 3 | W S 201 |
| PSY: 261 | Human Sexuality | 3 | HD FS 276 |
| 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 |
| AGB: 333 | Precision Farming Systems | 3 | TSM 333 |

**Option Core for Machine Systems**

|  |  |  |  |
| --- | --- | --- | --- |
| AGP: 333 | Precision Farming Systems | 3 | TSM 333 |

***A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR***

***AT IOWA STATE UNIVERSITY***