**Northwest Iowa Area Community College Transfer Guide**

**Northwest Iowa Area Community College/Iowa State University**

**Department of Agriculture and Biosystems Engineering**

**Industrial Technology Curriculum**

NWICC 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 NWICC, 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* and *Occupational Safety*.**

***NWICC Courses* Title Cr. *ISU Course***

**Interpersonal and Public Communication Skills**

|  |  |  |  |
| --- | --- | --- | --- |
| ENG 105 | Composition I | 3 | ENGL 150 |
| ENG 106 | Composition II | 3 | ENGL 250 |
|  | **OR** |  |  |
| ENG 108 | Composition II: Technical Writing | 3 | ENGL 250 |
| SPC 112 | Public Speaking | 3 | SP CM 212 |

**Mathematical, Physical, and Life Sciences**

**Math Requirement:**

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

|  |  |  |  |
| --- | --- | --- | --- |
| MAT 210 | Calculus I | 4 | MATH 165 |
|  | **OR** |  |  |
| MAT 211 | Calculus I | 5 | MATH 165 |
| PHY 110 | Survey of Physics I | 3 | PHYS 111 |
| MAT 156 | Statistics | 3 | STAT 104 |
| CHM 151 | College Chemistry I | 4 | CHEM 163 |
|  | College Chemistry I Lab | 1 | CHEM 163L |
| BIO 102 | Introductory Biology | 3 | BIOL 2T\*\*  **Biology Requirement**  - BIO 102, 105, 106,  OR 114  -PLUS 3 credits of  additional Life  Sciences from the  approved list below |
|  | **OR** |  |  |
| BIO 105 | Introductory Biology | 4 | BIOL 101 |
|  | **OR** |  |  |
| Bio 106 | Introductory Biology II | 3 | BIOL 2T\*\* |
|  | **OR** |  |  |
| Bio 114 | General Biology | 4 | BIOL 101 |

**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 131 | Principles of Accounting I | 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 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 |
| EDU 235 | Children’s Literature | 3 | HD FS 240 |
| HIS 110 | Western Civilization: Ancient to Early Modern | 3 | HIST 201 |
| HIS 111 | Western Civilization: Early Modern to Present | 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 |
| DRA 101 | Introduction to Theatre | 3 | THTRE 106 |

\* 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**

*(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 110 | Western Civilization: Ancient to Early Modern | 3 | HIST 201 |
| HIS 111 | Western Civilization: Early Modern to Present | 3 | HIST 202 |
| FLS 132 | Elementary Spanish II\* | 3 | 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 246 | Exceptional Learner | 3 | SP ED 250 |
| 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

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

***AT IOWA STATE UNIVERSITY***