**Iowa Western Community College Transfer Guide**

**Iowa Western Community College/Iowa State University**

**Department of Agriculture and Biosystems Engineering**

**Industrial Technology**

IWCC 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 IWCC, 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*.**

***IWCC 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 211  Both PHY 156&157 must be taken to receive credit for PHYS 111 | Calculus I | 5 | MATH 165 |
| PHY 156 | General Physics I | 5 | PHYS 111 |
| PHY 157 | General Physics I Lab |  |  |
| CHM 122 | Introduction to General Chemistry | 3 | CHEM 163 |
|  | Introduction to General Lab | 1 | CHEM 163L |
| BIO 105 | Introductory Biology | 4 | BIOL 101 |
|  | **OR** |  | Either BIO 112 or 113 will count for BIOL 211 |
| BIO 112 | General Biology I | 4 | BIOL 2T\*\* |
|  | **OR** |  |  |
| 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 121 | Principles of Accounting I | 3 | 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’s Religions | 3 | RELIG 205 |
| EDU 235 | Children’s Literature | 3 | HD FS 240 |
| HIST 110 | West Civ: Ancient to Early Modern | 3 | HIST 201 |
| HIST 111 | West Civ: Early Modern to Present | 3 | HIST 202 |
| HIST 151 | U.S. History to 1877 | 3 | HIST 221 |
| HIST 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.

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 |
| HIST 110 | West Civ: Ancient to Early Modern | 3 | HIST 201 |
| HIST 111 | West Civ: Early Modern to Present | 3 | HIST 202 |
| POL 121 | International Relations | 3 | POL S 241 |
| POL 135 | World Politics | 3 | POL S 251 |
| 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 245 | Exceptional Learner | 3 | SP ED 250 |
| ECE 287 | 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

**Technology Core**

|  |  |  |  |
| --- | --- | --- | --- |
| EGR 165 | Engineering II | 3 | TSM 115 |

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

***AT IOWA STATE UNIVERSITY***