**Southwestern Community College Transfer Guide**

**Southwestern Community College/Iowa State University**

**Department of Agriculture and Biosystems Engineering**

**Industrial Technology**

SWCC 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 SWCC, 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*.**

***SWCC 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 101 | Fundamentals of Oral Communication | 3 | SP CM 212 |
| 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 (with lab) | 4 | PHYS 111 |
| MAT 156Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L | Statistics | 3 | STAT 104 |
| CHM 166 | General Chemistry I | 4 | CHEM 177 |
|  | General Chemistry I Lab | 1 | CHEM 177L |
| BIO 105 | Introductory Biology (with lab) | 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 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’s 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 |
| LIT 105 | Children’s Literature | 3 | HD FS 240 |
| HIS 110 | West Civ: Ancient to Early Modern | 3 | HIST 201 |
| HIS 111 | West Civ: 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 |

\* 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 |
| ART 203 | Art History I | 3 | ART H 280 |
| ART 204 | Art History II | 3 | ART H 281 |
| HIS 110 | West Civilization: Ancient to Early Modern | 3 | HIST 201 |
| HIS 111 | West Civilization: Early Modern to Present | 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)*

|  |  |  |  |
| --- | --- | --- | --- |
| LIT 105 | Children’s Literature | 3 | HD FS 240 |
| 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***