

**ISU College of Engineering / Indian Hills Community College  
General Transfer Equivalency Guide**

*ISU: 2009-2011 Catalog / Indian Hills Community College: 2008-2009 Catalog*

**Basic Program Courses Required by ALL Engineering Curricula**

<b>ISU</b>	<b>Cr</b>		<b>Indian Hills</b>	<b>Cr</b>
Chem 177 or 167	4	General Chemistry for Engineers	CHM 166	4
English 150	3	Critical Thinking and Communication	ENG105	3
English 250	3	WOVE Composition	ENG106	3
Engr 101	N/A	Engineering Orientation		
Engr 160*	3	Engineering Problems w/VisualBasic		
Lib 160	0.5	Library Instruction		
Math 165	4	Calculus I	MAT210	4
Math 166	4	Calculus II	MAT216	4
Phys 221	5	Classical Physics I		

\*May also transfer for AerE 160, CE 160, IE 148, and/or EE/CprE/SE 185

**NOTE: Students who are not adequately prepared may need to take courses in addition to those listed above.** Typically, many students need Math 140 (MAT 120) and/or Math 141/142 (Trigonometry) prior to taking a Calculus course.

**Social Science Humanities/General Education Courses Accepted by ALL Engineering Departments**

<b>ISU</b>	<b>Cr</b>		<b>Indian Hills</b>	<b>Cr</b>
Anthr 201	3	Introduction to Cultural Anthropology	ANT105	3
Econ 101	3	Principles of Microeconomics	ECN130	3
Econ 102	3	Principles of Macroeconomics	ECN120	3
Hist 201	3	Introduction to Western Civilization I	HIS110	3
Hist 202	3	Introduction to Western Civilization II	HIS111	3
Hist 221	3	Survey of U.S. History I	HS151	3
Hist 222	3	Survey of U.S. History II	HS 152	3
Music 102	3	Introduction to Music Listening I	MUS100	3
Phil 201	3	Introduction to Philosophy	PHI101	3
Pol S 215	3	Introduction to American Government	POL111	3
Pol S 251	3	International Relations	POL121	3
Psych 101	3	Introduction to Psychology	PSY111	3
Psych 230	3	Developmental Psychology	PSY121	3
Psych 280	3	Social Psychology	PSY251	3
Relig 205	3	Introduction to World Religions	REL101	3
Soc 134	3	Introduction to Sociology	SOC 110	3
Soc 235	3	Social Problems	SOC115	3

Note: A total of 12-21 credits needed, depending on engineering department.

**Other Courses Required for SOME Engineering Curricula**

<b>ISU</b>	<b>Engr Major</b>	<b>Cr</b>		<b>Indian Hills</b>	<b>Cr</b>
Acct 284	ConE	3	Financial Accounting	ACC 121 & 122	4.5
Biol 101	CE (Envr)	3	Introductory Biology	BIO 101	2
Biol 212	BSE	3	Principles of Biology II	BIO 121 & 122	6
Chem 178/178L	ChE, CE, MatE	3	General Chemistry II	CHM 176	4
Chem 331	BSE(including lab), ChE	3	Organic Chemistry I	CHM 251 & 252	4.5
Chem 332	BSE (Pre, BR), Ch E	3	Organic Chemistry II	CHM 253 & 252	4.5
Math 265	ALL but AE, BSE, SE	4	Calculus III	MAT 219	4
Sp Cm 212	AE, CE, IE, SE	3	Fundamentals of Public Speaking	SPC 112	3