

**Black Hawk College Program Level Outcomes for AA/AS Degrees
General Education/Core Curriculum**

December 18, 2013

A Black Hawk College student completing the general education/core curriculum requirements for the AA/AS degree will be able to:

Strand A: Apply Scientific Thinking Skills Through the Study of Physical and Life Sciences	Strand B: Apply Quantitative Skills Through the Study of Mathematics	Strand C: Apply Communication Skills Through the Study of Speech and Writing	Strand D: Evaluate Human Experiences Through the Study of the Humanities and Fine Arts	Strand E: Develop an Appreciation of Human Continuity, Diversity, and Change Through the Study of Social and Behavioral Sciences
A1. Develop an understanding of the methods of scientific inquiry, including the <i>formulation</i> and testing of hypotheses. <i>BIOL100</i> <i>BIOL101</i> <i>PS205</i> <i>CHEM110</i>	B1. Use mathematics and technology to investigate, model, and solve a variety of real-world problems. <i>MATH108</i> <i>MATH110</i> <i>MATH124</i> <i>MATH131</i> <i>MATH132</i> <i>MATH161</i> <i>MATH225</i> <i>MATH226</i> <i>MATH228</i> <i>MATH200</i>	C1. Demonstrate critical skills by locating, summarizing, analyzing, critiquing, and effectively synthesizing a variety of appropriate source materials through writing and speaking. <i>SPEC101</i> <i>ENG101</i> <i>ENG102</i>	D1. Apply and synthesize a vocabulary pertinent to the humanities and fine arts. <i>MUSC154</i> <i>MUSC 256</i> <i>ART100</i> <i>ART281</i> <i>ART282</i>	E1. Demonstrate an understanding of human behavior. This may include a focus on individual behavior. <i>ECON 222*</i> <i>SOC 264*</i> <i>PSYC 101</i>
A2. Be familiar with selected scientific principles in the physical and life sciences. <i>BIOL100</i> <i>BIOL101</i> <i>PS205</i> <i>CHEM110</i>	B2. Use mathematics to write and communicate. <i>MATH108</i> <i>MATH110</i> <i>MATH124</i> <i>MATH131</i> <i>MATH132</i> <i>MATH161</i> <i>MATH225</i> <i>MATH226</i> <i>MATH228</i> <i>MATH200</i>	C2. Demonstrate the ability to use inventional, organizational, editorial, and expressive strategies to communicate clearly in speaking and writing. <i>SPEC101</i> <i>ENG101</i> <i>ENG102</i>	D2. Demonstrate thoughtful awareness of the interconnectedness of one's life to past, present, and future human events from a global perspective. <i>MUSC154</i> <i>MUSC256</i> <i>ART100</i> <i>ART281</i> <i>ART282</i>	E2. Demonstrate an understanding of societies in the world as part of one larger human experience in time and place. <i>ANTH 101</i> <i>ANTH 102</i> <i>ARCH 203*</i> <i>PSYC 200</i>
A3. Make informed decisions about personal and societal issues. <i>BIOL100</i> <i>BIOL101</i> <i>PS205</i> <i>CHEM110</i>		C3. Demonstrate the ability to articulate messages that inform and persuade audiences. <i>SPEC101</i> <i>ENG101</i> <i>ENG102</i>	D3. Examine intellectual, cultural, and aesthetic perspectives in the humanities and fine arts. <i>MUSC154</i> <i>MUSC256</i> <i>ART100</i> <i>ART281</i> <i>ART282</i>	E3. Analyze trends, institutions, and/or influences of society, history, politics, and economics. <i>ECON 221*</i> <i>ECON 270*</i> <i>SOC 101</i> <i>SOC 102*</i> <i>SOC 250*</i>

				<i>SOC 251*</i> <i>HIST 105</i> <i>HIST 106*</i> <i>HIST 125*</i> <i>HIST 127*</i> <i>POLS 191*</i> <i>POLS 122</i> <i>POLS 252*</i> <i>POLS 261</i>
A4. Demonstrate skills learned in a laboratory setting (e.g., formulate hypotheses, plan and conduct experiments, make systematic observations and measurements, interpret and analyze data, draw conclusions, communicate the results). <i>BIOL100</i> <i>BIOL101</i> <i>PS205</i> <i>CHEM110</i>		C4. Document material from appropriate sources, using proper citations in both written and oral presentations, utilizing ethical standards in research. <i>SPEC101</i> <i>ENG101</i> <i>ENG102</i>	D4. Demonstrate critical thinking, investigative, and reflective skills within the study of the humanities and fine arts. <i>PHIL101</i> <i>PHIL103</i> <i>MUSC154</i> <i>MUSC256</i> <i>ART281</i> <i>ART282</i>	For the SBES courses with a "*" the outcomes assessment is under development. This under development is necessitated as the Unit Plan called for other assessment processes. With the change back to the GRID all assessments needed to be revisited.