

Learning Outcomes

Each eCore course has a set of course-level learning outcomes, including one or more that are mapped to the General eCore Curriculum Learning Outcomes. eCore faculty provide the first step of course-level learning outcome evaluation through a system in which selected outcomes are assessed as “exceeds expectations, meets expectations, or did not meet expectations,” in addition to the numerical student grade. Areas identified for improvement in meeting outcomes by eCore faculty or affiliate institutions (via Subcommittee representatives) are documented and acted upon, usually as course-specific improvements. These data are also used to inform the process of major course revisions (readings, multimedia, learning activities, texts), and these results are provided to each affiliate institution for inclusion in general education assessment activities.

eCore General Education Assessment: Fall 2013

Below is an assessment of the general education core for eCore, as developed and approved by the Council on General Education in 2000-2001. These are broad-based and reflect commonalities across institutional learning outcomes (USG eCore Substantive Change, 2001; eCore Factbook, 2006). The Council on General Education estimated that the set corresponds to approximately 80 percent of any given institution’s learning outcomes (eCore Factbook, 2006). This assessment also features an overlay of critical thinking, both global and in the United States, in order to reflect changes to the USG core. This overlay used existing approved outcomes, with the exception of two outcomes for the United States which were taken directly from the approved course level outcomes for American Government and US History.

CT=Critical Thinking **GL=Global** **US=United States**

A1. Communication	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to assimilate, analyze, and present, in oral and written forms, a body of information. (CT)	ENGL 1101, ENGL1102	40.00%	50.00%	10.00%
2. Ability to adapt communication to circumstances and audience.	ENGL 1101	47.97%	46.34%	5.69%
3. Ability to produce communication that is stylistically appropriate and mature. (CT)	ENGL 1101, ENGL1102	55.36%	33.57%	11.07%
4. Ability to communicate in standard English for academic and professional contexts.	ENGL 1101	66.41%	22.66%	10.94%
5. Ability to compose effective written material for various academic and professional contexts.	ENGL 1102	39.77%	47.37%	12.87%
6. Ability to interpret content of written materials on related topics from various disciplines.	ENGL 1102	36.96%	58.15%	4.89%

Learning Outcomes

A2. Quantitative Skills	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to model situations from a variety of settings in generalized mathematical forms.	MATH 1101, MATH 1111, MATH1113	41.16%	23.47%	35.38%
2. Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical and symbolic form while solving a variety of problems.	MATH 1101, MATH 1111, MATH1113, MATH 1501	35.84%	30.64%	33.53%
3. Ability to solve multiple-step problems through different (inductive, deductive and symbolic) modes of reasoning.	MATH 1111, MATH1113, MATH 1501	40.69%	23.10%	36.21%
4. Ability to shift among the verbal, numeric, graphical and symbolic modes of considering relationships.	MATH 1111, MATH1113, MATH 1501	40.93%	28.83%	30.25%
5. Ability to extract quantitative data from a given situation, translate the data into information in various modes, evaluate the information, abstract essential information, make logical deductions, and arrive at reasonable conclusions.	MATH 1111	43.48%	30.43%	26.09%

Area B: Institutional Options	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations.	ETEC 1101	81.25%	12.50%	6.25%
2. Ability to communicate in various modes and media, including proper use of the appropriate technology.	ETEC 1101	78.95%	15.79%	5.26%
3. Ability to sustain a consistent purpose and point of view. (CT)	COMM 1100	44.12%	36.76%	19.12%
4. Ability to interpret inferences and develop subtleties of symbolic and indirect discourse.	COMM 1100	63.01%	26.71%	10.27%

Area C: Humanities, Fine Arts and Ethics	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to recognize the fine, literary, and performing arts as expressions of human experience.	ENGL 2111, ENGL 2132	33.99%	58.13%	10.34%
2. Ability to make informed judgments about art forms from various cultures including one's own culture. (GL)	ENGL 2111, ENGL 2132	60.63%	34.29%	6.67%
3. Ability to discern the impact and role of artistic and literary achievement in society and one's personal life. (CT)	ENGL 2111, ENGL 2132	61.50%	33.50%	7.00%
4. Ability to critically analyze one's own culture. (CT)	SPAN 2001, PHIL 2010, SPAN 2002	54.18%	36.89%	21.33%

Area D:	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to understand basic scientific principles, theories, laws as they apply to all scientific disciplines.	CHEM 1211, CHEM 1212, ENVS 2202, GEOL 1011, PHYS 1211	41.11%	44.66%	14.23%
2. Ability to demonstrate knowledge in at least one area of science; ability to discern the role in and impact of science on society.	CHEM 1211, CHEM 1212, ENVS 2202, GEOL 1011, PHYS 1211	45.21%	40.61%	14.18%
3. Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data.	CHEM 1211, CHEM 1212, GEOL 1011, PHYS 1211	63.79%	14.94%	21.26%
4. Ability to understand the physical universe and science's relationship to it.	CHEM 1211, CHEM 1212, ENVS 2202, GEOL 1011, PHYS 1211	47.08%	36.58%	16.34%
5. Ability to understand the changing nature of science. (CT)	CHEM 1211, CHEM 1212, ENVS 2202, GEOL 1011	46.06%	36.51%	17.43%
6. Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena.	CHEM 1211, CHEM 1212, GEOL 1011, PHYS 1211	42.93%	34.78%	22.28%
7. Ability to demonstrate critical observation and analysis. (CT)	CHEM 1211, ENVS 2202, GEOL 1011, PHYS 1211	63.72%	17.67%	18.60%

Learning Outcomes

8. Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data.	CHEM 1212, ENVS 2202, GEOL 1011, MATH 1401, PHYS 1211	57.88%	22.51%	19.61%
9. Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe.	CHEM 1211, CHEM 1212, ENVS 2202, PHYS 1211	51.47%	38.97%	9.56%
10. Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life.	CHEM 1211, CHEM 1212, ENVS 2202, PHYS 1211	67.38%	19.86%	12.77%

Area E: Social Sciences	Courses	Exceeded Expectations	Met Expectations	Below Expectations
1. Ability to relate local, national, and global social policy. (GL)	HIST 1111, HIST 2111, POLS 1101	42.46%	44.01%	13.53%
2. Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change.	HIST 1111, HIST 2111, POLS 1101	53.42%	38.79%	7.79%
3. Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups.	HIST 1111, PSYC 1101 SOCI 1101	58.69%	31.36%	9.96%
4. Ability to identify and analyze both contemporary and historical perspectives on contemporary issues. (CT)	HIST 1111, HIST 2111, PSYC 1101	48.74%	41.55%	9.71%
5. Ability to relate the contributions of groups and individuals to the history of ideas and belief systems.	HIST 2111, SOCI 1101	53.53%	36.41%	10.05%
6. Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their cultures. (GL)	HIST 2111	46.53%	48.51%	4.95%
7. Ability to consider and accommodate opposing points of view. (CT)	POLS 1101	68.75%	21.35%	9.90%
8. (Taken from Course-Level Objective): Demonstrate knowledge of the historical background, foundations, origins, content, and application of the US Constitution and Bill of Rights. (US)	POLS 1101	67.35%	21.94%	10.71%
9. (Taken from Course-Level Objective): Analyze the trials and contributions of the many cultures that make up American society. (US)	HIST 2111	54.25%	40.57%	5.19%

Global Perspective	Area	Exceeded Expectations	Met Expectations	Below Expectations
ENGL 2132	C2	72.58%	17.74%	8.06%
HIST 1111	E1	32.91%	47.44%	19.66%
HIST 2111	E1, E6	40.57%	52.27%	7.16%
POLS 1101	E1	62.50%	26.56%	10.94%

Critical Thinking	Area	Exceeded Expectations	Met Expectations	Below Expectations
COMM 1100	B3	44.12%	36.76%	19.12%
ENGL 1101	A1.1, A1.3	49.00%	41.04%	9.96%
ENGL 1102	A1.1, A1.3	45.68%	43.45%	10.86%
ENGL 2111	C3	56.52%	40.58%	6.52%
ENGL 2132	C2, C3	72.58%	17.74%	8.06%
CHEM 1211	D5, D7	56.10%	30.49%	13.41%
CHEM 1212	D5, D7	30.43%	47.83%	21.74%
HIST 1111	E4	39.61%	42.03%	18.36%
HIST 2111	E4	45.92%	50.51%	3.57%
GEOG 1011	D5, D7	46.58%	26.94%	26.48%
PHIL 2010	C4	50.18%	33.95%	18.08%
PHYS 1211	D7	83.33%	16.67%	0.00%
POLS 1101	E7	68.75%	21.35%	9.90%
PSYC 1101	E4	64.71%	29.41%	5.88%
SPAN 2001	C4	77.50%	32.50%	55.00%
SPAN 2002	C4	58.33%	63.89%	8.33%

United States	Area	Exceeded Expectations	Met Expectations	Below Expectations
POLS 1101	E8	67.35%	21.94%	10.71%
HIST 2111	E9	54.25%	40.57%	5.19%