

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 2014

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.

Core Areas	n-Value	Exceeded	Met Expectations	Below
A1. Communication	1,601	45.41%	44.16%	10.43%
A2. Quantitative Skills	2,068	41.88%	31.53%	26.59%
Area B: Institutional Options	511	63.41%	28.18%	8.41%
Area C: Humanities, Fine Arts and Ethics	1,667	53.45%	37.19%	9.36%
Area D: Natural Science, Mathematics, and Technology	2,558	52.31%	33.70%	13.99%
Area E: Social Sciences	4,642	55.77%	35.05%	9.18%
Total	13,047	51.62%	35.35%	13.03%

Perspectives	n-Value	Exceeded	Met Expectations	Below
Global Perspective	1,168	54.11%	33.56%	12.33%
Critical Thinking	3,051	53.69%	37.76%	8.55%
US Perspective	546	48.53%	42.67%	8.80%

Learning Outcomes

Course	n-Value	Exceeded	Met Expectations	Below
CHEM 1211K	476	39.92%	51.26%	8.82%
CHEM 1212K	364	35.71%	26.92%	37.37%
COMM 1100	465	63.44%	28.17%	8.39%
ENGL 1101	672	45.09%	44.35%	10.56%
ENGL 1102	929	45.64%	44.03%	10.33%
ENGL 2111	983	46.69%	43.03%	10.28%
ENGL 2112	60	61.67%	36.67%	1.66%
ENGL 2131	33	30.30%	60.61%	9.09%
ENGL 2132	209	65.07%	26.79%	8.14%
ENVS 2202	694	68.30%	22.19%	9.51%
ETEC 1101	46	63.04%	28.26%	8.70%
GEOL 1011K	724	44.34%	43.78%	11.88%
HIST 1111	1,182	46.79%	38.66%	14.55%
HIST 2111	1,653	53.54%	38.42%	8.04%
MATH 1101	186	26.88%	37.63%	35.49%
MATH 1111	910	57.58%	25.05%	17.37%
MATH 1113	746	28.69%	36.19%	35.12%
MATH 1401	131	59.54%	19.08%	21.38%
MATH 1501	226	34.51%	37.17%	28.32%
PHIL 2010	297	63.30%	29.97%	6.73%
PHYS 1211K	151	86.09%	13.91%	0.00%
POLS 1101	973	62.38%	30.73%	6.89%
PSYC 1101	397	71.28%	23.68%	5.04%
SOCI 1101	437	59.73%	32.49%	7.78%
SPAN 2001	50	72.00%	20.00%	8.00%
SPAN 2002	35	71.43%	0.00%	28.57%
Total	13,029	51.58%	35.37%	13.05%

Area A: A.1 Communication	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to assimilate, analyze, and present, in oral and written forms, a body of information. (CT)	ENGL 1101, ENGL 1102	407	44.96%	46.19%	8.85%
2. Ability to adapt communication to circumstances and audience.	ENGL 1101	159	33.33%	52.83%	13.84%
3. Ability to produce communication that is stylistically appropriate and mature. (CT)	ENGL 1101, ENGL 1102	404	42.82%	47.03%	10.15%
4. Ability to communicate in standard English for academic and professional contexts.	ENGL 1101	180	66.67%	26.11%	7.22%
5. Ability to compose effective written material for various academic and professional contexts.	ENGL 1102	221	42.99%	42.99%	14.02%
6. Ability to interpret content of written materials on related topics from various disciplines.	ENGL 1102	230	44.78%	44.78%	10.44%
	Total	1,601	45.41%	44.16%	10.43%

Area A: A.2 Quantitative Skills	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to model situations from a variety of settings in generalized mathematical forms.	MATH 1101, MATH 1111, MATH1113	481	44.49%	31.60%	23.91%
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	536	45.15%	32.84%	22.01%
3. Ability to solve multiple-step problems through different (inductive, deductive and symbolic) modes of reasoning.	MATH 1111, MATH1113, MATH 1501	438	36.76%	34.02%	29.22%
4. Ability to shift among the verbal, numeric, graphical and symbolic modes of considering relationships.	MATH 1111, MATH1113, MATH 1501	442	31.67%	30.32%	38.01%
5. Ability to extract quantitative data from a given situation, translate the data into information in various odes, evaluate the information, abstract essential information, make logical deductions, and arrive at reasonable conclusions.	MATH 1111	171	63.74%	23.98%	12.28%
Total		2,068	41.88%	31.53%	26.59%

Area B: Institutional Options	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to property use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations.	ETEC 1101	23	60.87%	21.74%	17.39%
2. Ability to communicate in various modes and media, including proper use of the appropriate technology.	ETEC 1101	23	65.22%	34.78%	0.00%
3. Ability to sustain a consistent purpose and point of view. (CT)	COMM 1100	134	57.46%	33.58%	8.96%
4. Ability to interpret inferences and develop subtleties of symbolic and indirect discourse.	COMM 1100	331	65.86%	25.98%	8.16%
Total		511	63.41%	28.18%	8.41%

Area C: Humanities, Fine Arts and Ethics	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to recognize the fine, literary, and performing arts as expressions of human experience.	ENGL 2111, ENGL 2112, ENGL 2131, ENGL 2132	359	35.38%	49.30%	15.32%
2. Ability to make informed judgments about art forms from various cultures including one's own culture. (GL)	ENGL 2111, ENGL 2112, ENGL 2131, ENGL 2132	574	54.70%	37.98%	7.32%
3. Ability to discern the impact and role of artistic and literary achievement in society and one's personal life. (CT)	ENGL 2111, ENGL 2112, ENGL 2131, ENGL 2132	352	57.10%	35.80%	7.10%
4. Ability to critically analyze one's own culture. (CT)	SPAN 2001, PHIL 2010, SPAN 2002	382	65.18%	25.92%	8.90%
Total		1,667	53.45%	37.19%	9.36%

Learning Outcomes

Area D: Natural Science, Mathematics, and Technology	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to understand basic scientific principles, theories, laws as they apply to all scientific disciplines.	CHEM 1211K, CHEM 1212K, ENVS 2202, GEOL 1011K, PHYS 1211K	292	55.82%	29.45%	14.73%
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 1211K, CHEM 1212K, ENVS 2202, GEOL 1011K	290	55.17%	31.38%	13.45%
3. Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data.	CHEM 1211K, CHEM 1212K, GEOL 1011K, PHYS 1211K	193	44.04%	47.15%	8.81%
4. Ability to understand the physical universe and science's relationship to it.	CHEM 1211K, CHEM 1212K, ENVS 2202, GEOL 1011K, PHYS 1211K	299	47.49%	38.46%	14.05%
5. Ability to understand the changing nature of science. (CT)	CHEM 1211K, CHEM 1212K, ENVS 2202, GEOL 1011K	281	45.20%	39.86%	14.94%
6. Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena.	CHEM 1211K, CHEM 1212K, GEOL 1011K, PHYS 1211K	193	46.63%	38.34%	15.03%
7. Ability to demonstrate critical observation and analysis. (CT)	CHEM 1211K, ENVS 2202, GEOL 1011K, PHYS 1211K	240	62.50%	30.42%	7.08%
8. Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data.	CHEM 1212K, ENVS 2202, GEOL 1011K, MATH 1401, PHYS 1211K	369	60.70%	25.75%	13.55%
9. Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe.	CHEM 1211K, CHEM 1212K, ENVS 2202, PHYS 1211K	207	53.14%	28.02%	18.84%
10. Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life.	CHEM 1211K, CHEM 1212K, ENVS 2202, PHYS 1211K	194	44.85%	34.54%	20.61%
	Total	2,558	52.31%	33.70%	13.99%

Area E: Social Sciences	Courses	n-Value	Exceeded	Met Expectations	Below
1. Ability to relate local, national, and global social policy. (GL)	HIST 1111, HIST 2111, POLS 1101	838	48.81%	35.32%	15.87%
2. Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change.	HIST 1111, HIST 2111, POLS 1101	799	57.07%	34.29%	8.64%
3. Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups.	HIST 2111, PSYC 1101 SOCI 1101	683	61.20%	31.92%	6.88%
4. Ability to identify and analyze both contemporary and historical perspectives on contemporary issues. (CT)	HIST 1111, HIST 2111, PSYC 1101	769	56.44%	35.50%	8.06%
5. Ability to relate the contributions of groups and individuals to the history of ideas and belief systems.	HIST 2111, SOCI 1101	506	58.30%	32.02%	9.68%
6. Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their cultures. (GL)	HIST 2111	262	64.89%	31.68%	3.43%
7. Ability to consider and accommodate opposing points of view. (CT)	POLS 1101	239	59.41%	36.82%	3.77%
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	271	46.49%	45.39%	8.12%
9. (Taken from Course-Level Objective): Analyze the trials and contributions of the many cultures that make up American society. (US)	HIST 2111	275	50.55%	40.00%	9.45%
	Total	4,642	55.77%	35.05%	9.18%

Global Perspective	Area	n-Value	Exceeded	Met Expectations	Below
ENGL 2132	C2	68	77.94%	19.12%	2.94%
HIST 1111	E1	331	36.56%	38.67%	24.77%
HIST 2111	E1	282	47.87%	43.26%	8.87%
HIST 2111	E6	262	64.89%	31.68%	3.43%
POLS 1101	E1	225	68.00%	20.44%	11.56%
	Total	1,168	54.11%	33.56%	12.33%

Learning Outcomes

Critical Thinking	Area	n-Value	Exceeded	Met Expectations	Below
COMM 1100	B3	134	57.46%	33.58%	8.96%
ENGL 1101	A1.1	170	45.29%	47.06%	7.65%
ENGL 1101	A1.3	163	32.52%	53.37%	14.11%
ENGL 1102	A1.1	237	44.73%	45.57%	9.70%
ENGL 1102	A1.3	241	49.79%	42.74%	7.47%
ENGL 2111	C3	252	51.98%	39.29%	8.73%
ENGL 2132	C2	68	77.94%	19.12%	2.94%
ENGL 2132	C3	68	77.94%	19.12%	2.94%
CHEM 1211K	D5	54	48.15%	44.44%	7.41%
CHEM 1211K	D7	53	35.85%	58.49%	5.66%
CHEM 1212K	D5	40	40.00%	20.00%	40.00%
HIST 1111	E4	275	48.73%	39.64%	11.63%
HIST 2111	E4	276	52.54%	40.94%	6.52%
GEOL 1011K	D7	81	40.74%	48.15%	11.11%
GEOL 1011K	D7	81	40.74%	48.15%	11.11%
PHIL 2010	C4	297	63.30%	29.97%	6.73%
PHYS 1211K	D7	19	84.21%	15.79%	0.00%
POLS 1101	E7	239	59.41%	36.82%	3.77%
PSYC 1101	E4	218	71.10%	23.39%	5.51%
SPAN 2001	C4	50	72.00%	20.00%	8.00%
SPAN 2002	C4	35	71.43%	0.00%	28.57%
	Total	3,051	53.69%	37.76%	8.55%

US Perspective	Area	n-Value	Exceeded	Met Expectations	Below
POLS 1101	E8	271	46.49%	45.39%	8.12%
HIST 2111	E9	275	50.55%	40.00%	9.45%
	Total	546	48.53%	42.67%	8.80%