

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%

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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%

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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%

eCore Course-Level Outcomes: Fall 2013

Course-level outcomes relevant to each General Core area are mapped below, along with the recommended assessment.

AREA A.1

General Outcomes

1. Ability to assimilate, analyze, and present in oral and written forms, a body of information (CT)
2. Ability to adapt communication to circumstances and audience
3. Ability to produce communication that is stylistically appropriate and mature
4. Ability to communicate in standard English for academic and professional contexts
5. Ability to compose effective written materials for various academic and professional contexts (CT)
6. Ability to interpret content of written materials on related topics from various disciplines

ENGL 1101

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Write a narrative essay. (CT)	A1.1	Essay (Assignment 1.9)	51.77%	39.72%	8.51%
Plan writing in light of situation, audience, and purpose.	A1.2	Essay (Assignment 3.9)	47.97%	46.34%	5.69%
When writing an essay, employ a format and structure appropriate to the rhetorical situation.	A1.3	Essay (Assignment 4.6 or 6.12)	45.45%	42.73%	11.82%
Write clear and complete sentences using standard English and grammar.	A1.4	Assignment 1.2 or 4.2	66.41%	22.66%	10.93%

ENGL 1102

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Write well-developed and logically organized essay. (CT)	A1.1	Essay (Unit 2, 3, or 4)	31.22%	57.67%	11.11%
Demonstrate critical thinking skills in reading and writing assignments. (CT)	A1.3	Discussion 2.3, Portfolio Exercise 4, or Writing Assignment 4	61.76%	27.65%	10.59%
Plan and conduct a research project using a variety of research sources.	A1.5	Portfolio Research Paper	39.77%	47.37%	12.86%
Using the writing process to understand different texts.	A1.6	Writing Assignment - Unit 2 or Essay Unit 4	36.96%	58.15%	4.89%

AREA A.2

General Outcomes

1. Ability to model situations from a variety of settings in generalized mathematical forms
2. Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems
3. Ability to solve multiple-step problems through different (inductive, deductive and symbolic) modes of reasoning
4. Ability to shift among the verbal, numeric, graphical, and symbolic modes of considering relationships
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 1101

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Understand the concept and basic properties of functions; linear functions; quadratic functions; polynomial functions; logarithmic functions; and piecewise functions.	A2.1, A2.2	Final Exam	34.15%	26.83%	39.02%

MATH 1111

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Model situations from a variety of settings in generalized mathematical forms.	A2.1	Midterm, Final Exam	37.88%	27.27%	34.85%
Express and manipulate mathematical information, concepts, and thoughts in verbal/numeric/graphical/symbolic form while solving a variety of problems.	A2.2	Midterm, Final Exam	27.59%	36.55%	35.86%
Solve multiple-step problems through different (inductive, deductive, and symbolic) modes of reasoning.	A2.3	Midterm, Final Exam	45.71%	22.86%	31.43%
Shift among the verbal, numeric, graphical, and symbolic modes of considering relationships.	A2.4	Midterm, Quiz 10.1, Final Exam	41.91%	30.15%	27.94%
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. (CT)	A2.5	Midterm, Quiz 15.5, Final Exam	43.48%	30.43%	26.09%

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MATH 1113

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Identify the characteristics of various functions.	A2.1	Midterm	48.08%	17.31%	34.61%
Sketch and analyze the graphs of algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	A2.2	Midterm, Final Exam	45.10%	21.57%	33.33%
Set up and solve word problems using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	A2.3	Midterm, Final Exam	44.55%	22.77%	32.68%
Solve equations using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	A2.4	Midterm, Quiz 9.1	46.08%	18.63%	35.29%

MATH 1501

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Limits and Continuity: Calculate and evaluate limits and represent these concepts graphically, algebraically, numerically, and in words. Apply knowledge of limits and continuity to analyze and solve real-world problems. Determine when the use of technology is appropriate in solving problems related to limits and continuity, and how to apply the technology.	A2.2	Exam 1	41.38%	34.48%	24.14%

Derivatives and Differential on: Explain the definition of derivative and how it is related to tangent lines and rates of change, and to compute derivatives from the limit definition. Compute derivatives using all of the standard rules, displaying in particular a strong mastery of the Chain Rule. Compute derivatives of trigonometric functions and compute closely related trigonometric limits. Explain the concept of an implicitly defined function, and use the technique of implicit differential on to differentiate functions that are defined implicitly. Model and solve related rates problems.

A2.3	Exam 2	18.37%	24.49%	57.14%
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Applications of the Derivative: Solve problems related to rates of change. Identify and describe properties of functions and their graphs. Apply the properties of functions and their graphs to real life problem situations.

A2.4	Exam 3	25.58%	48.84%	25.58%
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AREA B

General Outcomes

1. Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations
2. Ability to communicate in various modes and media, including proper use of the appropriate technology
3. Ability to sustain a consistent purpose and point of view
4. Ability to interpret inferences and develop subtleties of symbolic and indirect discourse

COMM 1100

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Observe and utilize the recommended strategies for developing, delivering, and evaluating effective public presentations. (CT)	B3	Public Speech	44.12%	36.76%	19.12%
Describe the different ways in which language defines and frames situations.	B4	Film Analysis	56.16%	34.25%	9.59%
Analyze the fundamental dimensions of cultural diversity (demographic, regional, and ideological) as they relate to communication.	B4	Unit 3	69.86%	19.18%	10.96%

ETEC 1101

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Select appropriate technologies and methods to compile, analyze, organize, and present relevant information effectively.	B1	Lesson 4 Project	81.25%	12.50%	6.25%
Become effective users of technology.	B2	PowerPoint presentation of their Ideal Job	78.95%	15.79%	5.26%

AREA C

General Outcomes

1. Ability to recognize the fine, literary, and performing arts as expressions of human experience
2. Ability to make informed judgments about art forms from various cultures including one's own culture
3. Ability to discern the impact and role of artistic and literary achievement in society and one's personal life

ENGL 2111

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Recognize the range of literary genres and conventions as well as the levels of sophistication of literary masterpieces coming from different cultures.	C2	Final Essay	47.46%	43.22%	9.32%
Develop a perspective on the variety of world cultures from ancient times through the early-modern period to understand how these cultures developed and how their ideas contributed to and still inform contemporary culture(s).	C1	Writing Assignment 1	30.07%	65.03%	4.90%
Analyze and evaluate literary works in their social, historical, and cultural context. (CT)	C3	Unit 4 Discussion, Unit 5 Discussion	54.55%	39.16%	6.29%
Compare and contrast the characteristics of literary works emerging from various cultures and times in order to recognize common human values and beliefs.	C2	Unit 6 Discussion, Unit 7 Discussion	63.83%	32.62%	3.55%

ENGL 2132

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Demonstrate knowledge of a diversity of American cultures through the study of literature. (CT)	C2, C3	Unit 1 Discussion, Unit 7 Discussion	73.77%	18.03%	8.20%
Identify the important literary periods and themes of American Literature from the mid-19th Century to the present.	C1	Unit 1 Exam, Final Exam	30.07%	65.03%	4.90%

Learning Outcomes

PHIL 2010

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Explain and evaluate major arguments concerning freedom and determinism. (CT)	C4	Unit 5 Discussion	52.45%	30.07%	17.48%
Explain, evaluate and apply major ethical theories.	C4	Unit 6 Discussion	45.52%	36.57%	17.91%

SPAN 2001

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Students should demonstrate an understanding of their languages and cultures in relation to the practices, products, and perspectives of the culture(s) of Spanish speaking countries. (CT)	C4	Discussion 2C, Lesson 5 Project, Voice Board 4A	46.97%	19.70%	33.33%

SPAN 2002

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Students should demonstrate an understanding of their languages and cultures in relation to the practices, products, and perspectives of the culture(s) of Spanish speaking countries. (CT)	C4	Final Exam, Project, Voice Board 6C	44.68%	48.94%	6.38%

AREA D

General Outcomes

1. Ability to understand basic scientific principles, theories, and laws as they apply to all scientific disciplines
2. Ability to demonstrate knowledge in at least one area of science; ability to discern the role in and impact of science on society
3. Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data
4. Ability to understand the physical universe and science's relationship to it
5. Ability to understand the changing nature of science
6. Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena.
7. Ability to demonstrate critical observation and analysis
8. Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data
9. Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe
10. Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life

CHEM 1211					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Demonstrate knowledge and understanding of: matter and measurement; reactions and reaction stoichiometry; thermochemistry; properties of gases; periodic properties of elements; atomic structure, chemical bonding, and molecular bonding theories.	D1, D2, D4, D5, D6	Final Exam, Unit 2 Quiz	30.23%	58.14%	11.63%
Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.	D9, D10	Laboratory Final, Unit 3 Quiz	64.10%	28.21%	7.69%
Collect and analyze scientific data, formulate appropriate conclusions from data analyses, and communicate findings.	D3, D7	Laboratory Final	84.62%	0.00%	15.38%

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CHEM 1212					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Demonstrate knowledge and understanding of: intermolecular forces, liquids, and solids; properties of solutions; chemical kinetics; chemical equilibrium; acid-base equilibria; chemical thermodynamics; electrochemistry.	D1, D2, D4, D5, D6	Final Exam, Unit 4 Quiz	30.43%	47.83%	21.74%
Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.	D9, D10	Laboratory Final, Unit 8 Quiz	29.17%	33.33%	37.50%
Collect and analyze scientific data, formulate appropriate conclusions from data analyses, and communicate findings. (CT)	D3, D8	Laboratory Final	90.48%	9.52%	0.00%

ENVS 2202					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Describe integrated science and the basic concepts involved in the study of the subject.	D1, D2	Lesson 2B Ecosystems Interactions Quiz	72.06%	20.59%	7.35%
Describe various ecosystem components.	D4, D5	Lesson 2A Everglades Discussion	65.52%	25.86%	8.62%
Discuss human population by calculating human population growth and identifying the impact of such growth on the environment.	D8, D9	Lesson 3B Discussion (Population Growth Issues)	45.90%	52.46%	1.64%
Explain the balance between the implementation costs of environmental regulations and their impact on mankind.	D10	Lesson 10 Quiz Environmental Regulations	80.30%	10.61%	9.09%
Interpret environmental issues affecting the earth and its populations, including water use, food production, and urban development. (CT)	D7	Lesson 6 Discussion Water Wars, Final Exam	72.58%	22.58%	4.84%

GEOL 1011

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Identify earth materials and discuss/interpret their origin, economic uses, composition and interrelationships.	D1	Unit 6 Lab, Unit 7 Lab	24.27%	55.34%	20.39%
Demonstrate knowledge of the perspective of geologic events and processes and the formation of earth materials; discuss evidence of plate tectonics and the earth's internal structure and how processes within the earth influence its major surface features, control the location of the earth's major surface features, and control the location of earthquakes and volcanic activity.	D4, D5	Unit 8, Midterm	45.30%	31.62%	23.08%
Demonstrate knowledge of Earth surface processes and their impact on mankind.	D2	Unit 12, Midterm	35.14%	45.05%	19.81%
Use maps, photos, and diagrams to identify topographic and geologic structures and the processes which form them. (CT)	D3, D6, D7, D8	Unit 11 Lab, Midterm	48.04%	21.57%	30.39%

MATH 1401

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectation	Below Expectations
Extract quantitative data from a given situation, translate the data, evaluate information, abstract essential information, make logical deductions, and arrive at reasonable conclusions.	D8	Technology Project, Final Exam	67.86%	6.25%	25.89%

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PHYS 1211

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Understand and apply the laws and concepts associated with physics by solving word problems.	D1, D2, D4, D6	Lesson 5	62.50%	37.50%	0.00%
Perform simple laboratories and reach appropriate conclusions. (CT)	D3, D7, D9, D10	Lab Report Lesson 7	83.33%	16.67%	0.00%
Represent data graphically by hand and computer.	D8	Lab Report Lesson 1	53.33%	46.67%	0.00%

AREA E

General Outcomes

1. Ability to relate local, national, and global social policy
2. Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change
3. Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups
4. Ability to identify and analyze both contemporary and historical perspectives on contemporary issues
5. Ability to relate the contributions of groups and individuals to the history of ideas and belief systems
6. Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their cultures (GL)
7. Ability to consider and accommodate opposing points of view

HIST 1111					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Identify and evaluate important historical, political, cultural, social, and economic movements; historical figures; and events that characterize the development of the great world civilizations from antiquity through 1500 CE.	E1	Rome Essay, Midterm, Final Exam	32.91%	47.44%	19.65%
Analyze the various interpretations of world historical events, figures, and issues and explain the ways and the reasons these interpretations have changed over time.	E2	Unit 4 or Unit 6 Discussion	53.77%	38.21%	8.02%
Identify, using at least three examples, the ways in which world civilizations and cultures interacted with and influenced one another from antiquity through 1500 CE.	E3	Unit 5 Discussion, Final Exam	49.75%	37.31%	12.94%
Identify the major historiographical issues associated with the significant time periods, cultures, figures, and events from antiquity through 1500 CE. (CT)	E4	Unit 1, Unit 8, Midterm Exam	39.61%	42.03%	18.36%

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HIST 2111					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Determine the relationship between local and national issues and events.	E1	Unit 3: Discussion or Essay, Unit 7 Essay	35.02%	55.76%	9.22%
Exhibit comprehension of the historical process of continuity and change.	E2	Unit 4: Discussion or Essay	33.49%	59.43%	7.08%
Appraise how and why the historical interpretations of the controversies, issues, personalities, and problems have changed over time.	E4	Unit 6 Discussion, Unit 7 Essay	45.92%	50.51%	3.57%
Identify trends and issues in intellectual and cultural history and be able to relate them to topics in US History.	E5	Unit 1 Discussion, Unit 2 Discussion	46.02%	45.13%	8.85%
Recognize the role of diversity in American society. (GL)	E6	Unit 2 Discussion, Unit 6 Discussion	46.53%	48.51%	4.96%
Analyze the trials and contributions of the many cultures that make up American society.	E9	Discussion: Unit 1, 6 or 8, Unit 1 Quiz, Unit 1 Exam	54.25%	40.57%	5.18%
POLS 1101					
Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Develop an awareness of current political issues and the policymaking process, both domestic and global.	E1	Discussion 7, 13 or 14	62.50%	26.56%	10.94%
Demonstrate an understanding of the cause and effect relationships in society.	E2	Discussion 5 or 6	73.66%	18.05%	8.29%
Recognize differing perspectives and points of view. (CT)	E7	Discussion 3, 6, 12 or 13	68.75%	21.35%	9.90%
Demonstrate knowledge of the historical background, foundations, origins, content, and application of the US Constitution and Bill of Rights. (US)	E8	Discussion 3 or 4	67.35%	21.94%	10.71%

PSYC 1101

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Recognize that human experience and behavior vary as a function of context, culture and situation.	E3	Discussion 11	58.68%	29.75%	11.57%
Identify, understand, and contrast fundamental psychology perspectives within a historical context; past, present, and future trajectory. (CT)	E4	Discussion 1 or 8	64.71%	29.41%	5.88%

SOCI 1101

Course-Specific Outcome	General Core Outcome	Assessments	Exceeded Expectations	Met Expectations	Below Expectations
Define, identify, and explain culture, socialization, social interaction, groups, and social organization as basic building blocks of society and social experience, and apply this knowledge to explain why people conform to or deviate from societal expectations.	E3	Discussion 3 or 7	70.67%	24.67%	4.66%
Explain social structure, provide examples of social structure (both at the macro and micro level), and be able to express how important social institutions (such as family, religion, education, medicine, and others) shape society and social experience.	E5	Discussion 8 or 9	65.49%	22.54%	11.97%

eCore Outcome Assessment Matrix

Course-level outcomes relevant to each General Core area are mapped below. At the end of each semester, faculty report the percentage of students who meet, exceed, or fail to meet each outcome. Faculty are also given the opportunity to provide documented feedback on what teaching or course improvements should be made based on the outcomes. The eCore Dean and Associate Dean compile all data annually to provide overall assessment data for each area of the Core. These are reported to the eCore Subcommittee (representatives of each institution) for inclusion in college-wide outcome assessments.

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

A1. Communication	ENGL 1101 (CT)	ENGL 1102 (CT)
1. Ability to assimilate, analyze, and present, in oral and written forms, a body of information. (CT)	X	X
2. Ability to adapt communication to circumstances and audience.	X	
3. Ability to produce communication that is stylistically appropriate and mature. (CT)	X	X
4. Ability to communicate in standard English for academic and professional contexts.	X	
5. Ability to compose effective written material for various academic and professional contexts.		X
6. Ability to interpret content of written materials on related topics from various disciplines.		X

A2. Quantitative Skills	MATH 1101	MATH 1111	MATH 1113	MATH 1501
1. Ability to model situations from a variety of settings in generalized mathematical forms.	X	X	X	
2. Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical and symbolic form while solving a variety of problems.	X	X	X	X
3. Ability to solve multiple-step problems through different (inductive, deductive and symbolic) modes of reasoning.		X	X	X
4. Ability to shift among the verbal, numeric, graphical and symbolic modes of considering relationships.		X	X	X
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.		X		

Area B: Institutional Options	COMM 1100 (CT)	ETEC 1101
1. Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations.		X
2. Ability to communicate in various modes and media, including proper use of the appropriate technology.		X
3. Ability to sustain a consistent purpose and point of view. (CT)	X	
4. Ability to interpret inferences and develop subtleties of symbolic and indirect discourse.	X	

Area C: Humanities, Fine Arts and Ethics	ENGL 2111	ENGL 2132	PHIL 2010 (CT)	SPAN 2001	SPAN 2002
1. Ability to recognize the fine, literary, and performing arts as expressions of human experience.	X	X			
2. Ability to make informed judgments about art forms from various cultures including one's own culture. (GL)	X	X			
3. Ability to discern the impact and role of artistic and literary achievement in society and one's personal life. (CT)	X	X			
4. Ability to critically analyze one's own culture. (CT)			X	X	X

Area D:	CHEM 1211	CHEM 1212	ENVS 2202	GEOL 1011	MATH 1401	PHYS 1211
1. Ability to understand basic scientific principles, theories, laws as they apply to all scientific disciplines.	X	X	X	X		X
2. Ability to demonstrate knowledge in at least one area of science; ability to discern the role in and impact of science on society.	X	X	X	X		X
3. Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data.	X	X		X		X
4. Ability to understand the physical universe and science's relationship to it.	X	X	X	X		X
5. Ability to understand the changing nature of science. (CT)	X	X	X	X		
6. Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena.	X	X		X		X
7. Ability to demonstrate critical observation and analysis. (CT)	X		X	X		X
8. Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data.		X	X	X	X	X
9. Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe.	X	X	X			X
10. Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life.	X	X	X			X

Learning Outcomes

Area E: Social Sciences	HIST 1111	HIST 2111	POLS 1101	PSYC 1101	SOCI 1101
1. Ability to relate local, national, and global social policy. (GL)	X	X	X		
2. Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change.	X	X	X		
3. Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups.	X			X	X
4. Ability to identify and analyze both contemporary and historical perspectives on contemporary issues. (CT)	X	X		X	
5. Ability to relate the contributions of groups and individuals to the history of ideas and belief systems.		X			X
6. Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their cultures. (GL)		X			
7. Ability to consider and accommodate opposing points of view. (CT)			X		
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)			X		
9. (Taken from Course-Level Objective): Analyze the trials and contributions of the many cultures that make up American society. (US)		X			

FY 2014 Course Adjustments By Core Area

eCore curricular actions taken in response to COLAs (Course Outcome Learning Assessments) and course evaluations.

Core Area A

COURSE	SUBJECT	TASK/ACTION TAKEN	DATES
MATH 1101	MATH MODELING	MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION: <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to MATH 1101 courses, the former course textbook was replaced with all free, open educational resources. The revision team developed brief review modules with Study Guides and instructional videos for each of the major tests, midterm exam, and final exam. Multimedia resources were developed by the content experts to supplement unit examples and readings. Engaging prompts and activities were built into the unit discussion forums. 	Fall 2013
MATH 1111	COLLEGE ALGEBRA	MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION: <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to MATH 1111 courses, the former course textbook was replaced with a free, open textbook containing homework activities and worked video examples. The revision team developed Study Guides with activities and worked examples for each of the major unit tests. Quizzes were modified to include several randomized question sets which can be accessed from any of the three allowed attempts per quiz. Additional multimedia resources were added to the course content. 	Spring 2014
MATH 1113	PRECALCULUS	MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION: <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to MATH 1113 courses, the former course textbook was replaced with all free, open educational resources. The revision team authored new content to support the course. Additional multimedia resources were added to the course content. 	Spring 2014
MATH 1501	CALCULUS	Self-Assessments were added to each unit to provide additional practice opportunities for students.	Spring 2014
		The midterm and final exams were updated to better align with the unit objectives.	Spring 2014
MATH 1101 MATH 1111 MATH 1113 MATH 1501	MATH MODELING COLLEGE ALGEBRA PRECALCULUS CALCULUS	To make the presence of the Math Tutors more visible, a "Tutor Talk" widget was added to the course homepage.	Fall 2013

Learning Outcomes

ENGL 1101	ENGLISH COMPOSITION I	<p>MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION:</p> <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to our ENGL 1101 courses, the former course textbooks were replaced with all free, open educational resources. The course was reorganized and condensed substantially The revision team authored new content to support the revised course structure. Multimedia resources were added to the course content. 	Fall 2013
ENGL 1102	ENGLISH COMPOSITION II	<p>MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION:</p> <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to our ENGL 1102 courses, the former course textbooks were replaced with all free, open educational resources. The course was reorganized and condensed substantially. The revision team authored new content to support the new course structure. 	Fall 2013

Core Area B

COURSE	SUBJECT	TASK/ACTION TAKEN	DATES
ETEC 1101	ELECTRONIC TECHNOLOGY IN THE EDUCATIONAL ENVIRONMENT	Reviewed content and researched OER for upcoming SU14 revision.	Spring 2014
COMM 1100	HUMAN COMMUNICATIONS	<p>MAJOR COURSE REVISION continued:</p> <ul style="list-style-type: none"> The use of technology that formerly hindered student success was removed from all course assignments. The revision team authored new content to support new course objectives related to mass communication. Multimedia resources were added to the course content. Unit quizzes and exams were revised to reflect new updated content in course. 	Fall 2013

Core Area C

COURSE	SUBJECT	TASK/ACTION TAKEN	DATES
ENGL 2111	WORLD LITERATURE I	All unit options were removed to allow for the consistency of the course across multiple sections. This involved the consolidation of the topics presented in both Unit 2 options and the omission of some topics presented in the Unit 5 options.	Summer 2013
		The Unit 2 discussion topic was reformatted in an effort to decrease student confusion and increase instructor facilitation.	Spring 2014
ENGL 2132	AMERICAN LITERATURE II	In an effort to enhance discussion quality, the number of discussion topics was modified to allow for the assignment of only one gradable discussion topic per week.	Summer 2013
PHIL 2010	INTRODUCTION TO PHILOSOPHY	Course content updated to reflect new text edition.	Fall 2013
SPAN 2001	INTERMEDIATE SPANISH I	An 8-week format was implemented to make the course structure more conducive to the shortened term.	Fall 2013
SPAN 2002	INTERMEDIATE SPANISH II		

Core Area D

COURSE	SUBJECT	TASK/ACTION TAKEN	DATES
CHEM 1211K	PRINCIPLES OF CHEMISTRY I	In an effort to make Chemistry courses more affordable, a more cost-effective Chemistry kit was designed and implemented in both courses.	Spring 2014
CHEM 1212K	PRINCIPLES OF CHEMISTRY II	The face-to-face practical lab components were removed.	Spring 2014
		Unit quizzes and homework assignments were thoroughly reviewed and edited.	Spring 2014
CHEM 1211K	PRINCIPLES OF CHEMISTRY I	Quizzes were adjusted to better accommodate scientific notation.	Fall 2013
GEOL 1011K	INTRODUCTORY GEOSCIENCES I	A highly qualified Geology Tutor was embedded within the course to collaborate with students. The tutor provided instruction through the "Tutor Talk" discussion board, chat room, and Wimba Classroom.	Fall 2013
		Minor improvements were also made to the Google Earth Labs to help better clarify the assignment expectations and student directions.	Summer 2013 / Fall 2013
PHYS 1211K	PRINCIPLES OF PHYSICS I	MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION: <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to PHYS 1211K courses, the former course textbook was replaced with a free, open-textbook. To improve the logical flow of the content, some of the later lessons were consolidated and reorganized. A customized LabPaq was implemented giving students the opportunity to gain more hands-on lab experience. Students must utilize the LabPaq kit and manual to complete 5 of the 11 assigned labs. A highly qualified Physics Tutor was embedded within the course to collaborate with students. The tutor provided instruction through the "Tutor Talk" discussion board, chat room, and Wimba Classroom.	Summer 2013 / Fall 2013
ENVS 2202	ENVIRONMENTAL SCIENCES	An Environmental Science tutor was embedded into the course. A "Tutor Talk" discussion topic was also created to facilitate instruction and communication with students.	Fall 2013
MATH 1401	INTRODUCTION TO STATISTICS	MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION: <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to MATH 1401 courses, the former course textbook was replaced with a free, open-textbook. The course content was restructured significantly. Each lesson was designed to contain a lecture video and a series of example videos that demonstrate worked problems. All Flash generated content was converted to MP4 files to ensure that the course content could be accessed and viewed on a mobile device.	Summer 2013
		To make the presence of the Math Tutors more visible, a "Tutor Talk" widget was added to the MATH 1401 course homepage.	Spring 2014
			Fall 2013

Core Area E

COURSE	SUBJECT	TASK/ACTION TAKEN	DATES
HIST 1111	WORLD HISTORY I	<ul style="list-style-type: none"> Course content was updated to reflect new text edition. Unit 4 and Unit 7 content pages were reviewed and edited for improved accuracy. 	Spring 2014
HIST 2111	U.S. HISTORY I	<ul style="list-style-type: none"> Unit 4 Essay instructions were updated to clarify the expectations for students. The Question Library was reviewed and edited. Broken weblinks were repaired or replaced throughout the course. 	Spring 2014 Fall 2013
POLS 1101	AMERICAN GOVERNMENT	<p>MAJOR COURSE REVISION and OPEN-TEXT IMPLEMENTATION:</p> <ul style="list-style-type: none"> To minimize cost to students and increase affordable access to POLS 1101 courses, the former course textbook was replaced with a free, open-textbook. The course content was restructured significantly and condensed from 14 lessons to 8 lessons. Multimedia was also embedded throughout the lesson content. 	Spring 2014
PSYC 1101	INTRODUCTION TO GENERAL PSYCHOLOGY	<p>Several supplemental links within the course were reviewed and either removed, if found broken, or replaced, if superior resources were found.</p> <p>The overall number of lesson discussion prompts was reduced in units which contained an additional writing activity to allow more time for completion and feedback.</p>	Summer 2013 / Fall 2013 Summer 2013
SOCI 1101	INTRODUCTION TO SOCIOLOGY	<p>Lesson 2 verbiage was updated for clarity.</p> <p>Reviewed content and researched OER for upcoming SU14 revision.</p>	Fall 2013 Spring 2014

Future Course Adjustments by Core Area for FY2015

Further eCore curricular actions will be taken in response to COLAs (Course Outcome Learning Assessments) and course evaluations.

Core Area A

COURSE	SUBJECT	TASKS/ACTIONS TO BE TAKEN
MATH 1101	MATH MODELING	Further actions are pending Fall 2014 COLA results. Major course revision occurred during FY14.
MATH 1111	COLLEGE ALGEBRA	New instructional videos will be developed by SMEs to help supplement unit content.
MATH 1113	PRECALCULUS	Actions are pending Fall 2014 COLA results. Major course revision occurred during FY14.
MATH 1501	CALCULUS	All unit quizzes and exams will be reviewed for grading accuracy and content and will be updated accordingly.
ENGL 1101 ENGL 1102	ENGLISH COMPOSITION I & II	Actions are pending Fall 2014 COLA results. Major course revision occurred during FY14 for both courses.

Core Area B

COURSE	SUBJECT	TASKS/ACTIONS TO BE TAKEN
ETEC 1101	ELECTRONIC TECHNOLOGY IN THE EDUCATIONAL ENVIRONMENT	Major Course Revision will occur during FY15. OER (open educational resources) will replace the current course textbook.
COMM 1100	HUMAN COMMUNICATIONS	Major assignment directions will be reviewed for clarity and updated as needed. Mass Communication Unit will be condensed.

Core Area C

COURSE	SUBJECT	TASKS/ACTIONS TO BE TAKEN
ENGL 2111	WORLD LITERATURE I	Actions are pending Fall 2014 COLA results.
ENGL 2132	AMERICAN LITERATURE II	Major Course Revision will occur during FY15. OER (open educational resources) will replace the current course textbook.
PHIL 2010	INTRODUCTION TO PHILOSOPHY	Major Course Revision will occur during FY15. OER (open educational resources) will replace the current course textbook.
SPAN 2001	INTERMEDIATE SPANISH I	New instructional videos will be added to the course orientation materials to help students better navigate within the SuperSite portal and complete activities using the Wimba Voiceboards tool.
SPAN 2002	INTERMEDIATE SPANISH II	Modifications will be made to the unit structures of the Short Session course prototypes.

Core Area D

COURSE	SUBJECT	TASKS/ACTIONS TO BE TAKEN
CHEM 1211K	PRINCIPLES OF CHEMISTRY I	The pre-lab and post-lab quizzes will be thoroughly reviewed and edited.
CHEM 1212K	PRINCIPLES OF CHEMISTRY II	To make the presence of the Chemistry Tutors more visible, a "Tutor Talk" widget will be added to each course's homepage.
GEOL 1011K	INTRODUCTORY GEOSCIENCES I	Major Course Revision will occur during FY15. To minimize cost to students and increase affordable access to our GEOL courses, the rocks and minerals lab kits and topographic maps will be reviewed for reduced cost alternatives. To make the presence of the Geology Tutor more visible, a "Tutor Talk" widget will be added to the course's homepage.
PHYS 1211K	PRINCIPLES OF PHYSICS I	To make the presence of the Physics Tutor more visible, a "Tutor Talk" widget will be added to the PHYS 1211K course homepage. Additional actions are pending Fall 2014 COLA results. Major course revision occurred during FY14.
ENVS 2202	ENVIRONMENTAL SCIENCE	
MATH 1401	INTRODUCTION TO STATISTICS	Actions are pending Fall 2014 COLA results. Major course revision occurred during FY14.

Core Area E

COURSE	SUBJECT	TASKS/ACTIONS TO BE TAKEN
HIST 1111	WORLD HISTORY I	Actions are pending Fall 2014 COLA results.
HIST 2111	U.S. HISTORY I	Actions are pending Fall 2014 COLA results.
POLS 1101	AMERICAN GOVERNMENT	Add interactive, lesson introduction videos to the course content. Additional actions are pending Fall 2014 COLA results. Major course revision occurred during FY14.
PSYC 1101	INTRODUCTION TO GENERAL PSYCHOLOGY	
SOCI 1101	INTRODUCTION TO SOCIOLOGY	Major Course Revision will occur during FY15. OER (open educational resources) will replace the current course textbook.