# eCore Course-Level Outcomes: Fall 2012

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

<table>
<thead>
<tr>
<th>Course-Specific Outcome</th>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write a narrative essay. (CT)</td>
<td>A.1.1</td>
<td>Assignment 1.9; Essay</td>
<td>39.67%</td>
<td>56.20%</td>
<td>4.13%</td>
</tr>
<tr>
<td>Plan writing in light of situation, audience, and purpose.</td>
<td>A.1.2</td>
<td>Assignment 3.9; Essay</td>
<td>41.84%</td>
<td>52.04%</td>
<td>6.12%</td>
</tr>
<tr>
<td>When writing an essay, employ a format and structure appropriate to the rhetorical situation.</td>
<td>A.1.3</td>
<td>Assignment 4.6 or 6.12; Essays</td>
<td>33.33%</td>
<td>55.56%</td>
<td>11.11%</td>
</tr>
<tr>
<td>Write clear and complete sentences using standard English and grammar.</td>
<td>A.1.4</td>
<td>Discussion 1.4; Assignment 1.2</td>
<td>72.58%</td>
<td>25.00%</td>
<td>0.81%</td>
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</tbody>
</table>

### ENGL 1102

<table>
<thead>
<tr>
<th>Course-Specific Outcome</th>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write well-developed and logically organized essays. (CT)</td>
<td>A.1.1</td>
<td>Unit 3 Essay or Unit 4 Essay</td>
<td>30.49%</td>
<td>56.10%</td>
<td>13.41%</td>
</tr>
<tr>
<td>Demonstrate critical thinking skills in reading and writing assignments. (CT)</td>
<td>A.1.3</td>
<td>Discussion 2.3 or Portfolio Exercise 4</td>
<td>53.46%</td>
<td>38.36%</td>
<td>8.18%</td>
</tr>
<tr>
<td>Plan and conduct a research project using a variety of research sources.</td>
<td>A.1.5</td>
<td>Portfolio Research Paper</td>
<td>44.44%</td>
<td>39.58%</td>
<td>15.97%</td>
</tr>
<tr>
<td>Use the writing process to understand different texts.</td>
<td>A.1.6</td>
<td>Writing Assignment – Unit 2</td>
<td>29.94%</td>
<td>55.37%</td>
<td>12.99%</td>
</tr>
</tbody>
</table>
# 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

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understand the concept and basic properties of functions; linear functions; quadratic functions; polynomial functions; logarithmic functions; and piecewise functions.</td>
<td>A.2.1, A.2.2</td>
<td>Midterm Exam</td>
<td>21.05%</td>
<td>36.84%</td>
</tr>
<tr>
<td>Final Exam</td>
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### MATH 1111

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model situations from a variety of settings in generalized mathematical forms.</td>
<td>A.1</td>
<td>Final Exam: Inclusive of all course outcomes</td>
<td>66.67%</td>
<td>9.09%</td>
</tr>
<tr>
<td>A.2 Final Exam: Inclusive of all course outcomes</td>
<td>48.00%</td>
<td>10.00%</td>
<td>42.00%</td>
<td></td>
</tr>
<tr>
<td>Express and manipulate mathematical information, concepts, and thoughts in verbal/numeric/graphical/symbolic form while solving a variety of problems.</td>
<td>A.3</td>
<td>Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>49.49%</td>
<td>9.09%</td>
</tr>
<tr>
<td>A.4 Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>41.67%</td>
<td>13.89%</td>
<td>44.44%</td>
<td></td>
</tr>
<tr>
<td>Solve multiple-step problems through different (inductive, deductive, and symbolic) modes of reasoning.</td>
<td>A.5</td>
<td>Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>52.53%</td>
<td>9.09%</td>
</tr>
<tr>
<td>Shift among the verbal, numeric, graphical, and symbolic modes of considering relationships.</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>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)</td>
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### MATH 1113

#### Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.1 Midterm Exam</td>
<td></td>
<td>43.14%</td>
<td>28.43%</td>
<td>26.47%</td>
</tr>
<tr>
<td>A.2 Midterm Exam</td>
<td></td>
<td>42.27%</td>
<td>24.74%</td>
<td>30.93%</td>
</tr>
<tr>
<td>A.3 Midterm Exam</td>
<td></td>
<td>46.00%</td>
<td>28.00%</td>
<td>26.00%</td>
</tr>
<tr>
<td>A.4 Midterm Exam</td>
<td></td>
<td>46.15%</td>
<td>20.88%</td>
<td>30.77%</td>
</tr>
</tbody>
</table>

1. Identify the characteristics of various functions.
2. Sketch and analyze the graphs of algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.
3. Set up and solve word problems using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.
4. Solve equations using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.
## Learning Outcomes

### MATH 1501

<table>
<thead>
<tr>
<th>Course-Specific Outcome</th>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe the domain, range, and action of one variable function. Understand various ways of describing functions and various properties that a function can have such as odd, even, or monotone. Compute sums, differences, products, quotients, and compositions of functions. Compute translations, reflections, and scalings of curves and graphs of functions. Compute trigonometric functions and understand their definitions. Solve triangles.</td>
<td></td>
<td>A.1 Midterm Exam – Comprehensive – All-inclusive of all applicable Course Outcomes to that date</td>
<td>75.86%</td>
<td>0.00%</td>
<td>24.14%</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td>A.2 Midterm Exam – Comprehensive – All-inclusive of all applicable Course Outcomes to that date</td>
<td>87.23%</td>
<td>0.00%</td>
<td>12.77%</td>
</tr>
<tr>
<td>Derivatives and Differentiation: 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 differentiation to differentiate functions that are defined implicitly. Model and solve related rates problems.</td>
<td></td>
<td>A.3 Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>65.96%</td>
<td>0.00%</td>
<td>34.04%</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td>A.4 Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>5.13%</td>
<td>0.00%</td>
<td>94.87%</td>
</tr>
<tr>
<td>Applications of the Integral: Define and compute the arc length. Compute the area of surfaces of revolutions. Compute volumes of revolution. Compute consumer’s surplus. Compute work and center of mass problems.</td>
<td></td>
<td>A.5 Final Exam – Comprehensive – inclusive of applicable Course Outcomes to that date</td>
<td>66.67%</td>
<td>0.00%</td>
<td>33.33%</td>
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</tbody>
</table>

**Version 1.2**
AREA B

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

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.1.3</td>
<td>Public speech</td>
<td>36.07%</td>
<td>46.72%</td>
<td>25.41%</td>
</tr>
<tr>
<td>B.1.4</td>
<td>Film Analysis Unit 9</td>
<td>53.24%</td>
<td>37.41%</td>
<td>13.67%</td>
</tr>
<tr>
<td>B.1.4</td>
<td>Discussion Unit 3</td>
<td>73.33%</td>
<td>20.00%</td>
<td>8.15%</td>
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</table>

ETEC 1101
Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.1</td>
<td>Lesson 4 Project Newsletter</td>
<td>88.89%</td>
<td>11.11%</td>
<td>0.00%</td>
</tr>
<tr>
<td>B.2</td>
<td>Lesson 3 Project Resume</td>
<td>88.89%</td>
<td>11.11%</td>
<td>0.00%</td>
</tr>
</tbody>
</table>
Learning Outcomes

**AREA C**

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
4. Ability to critically analyze one's own culture

### ENGL 2111

**Course-Specific Outcome**

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.2 Unit 3 Written Discussion</td>
<td>38.21%</td>
<td>51.22%</td>
<td>10.57%</td>
</tr>
<tr>
<td>C.1 Unit 5 Written Discussion</td>
<td>25.26%</td>
<td>61.05%</td>
<td>13.68%</td>
</tr>
<tr>
<td>C.3 Unit 4 Written Discussion</td>
<td>45.45%</td>
<td>44.55%</td>
<td>10.00%</td>
</tr>
<tr>
<td>C.2 Unit 6 Written Discussion</td>
<td>31.07%</td>
<td>62.14%</td>
<td>6.80%</td>
</tr>
</tbody>
</table>

**General Core Outcome**

- Recognize the range of literary genres and conventions as well as the levels of sophistication of literary masterpieces coming from different cultures.
- 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).
- Analyze and evaluate literary works in their social, historical, and cultural context. (CT)
- Compare and contrast the characteristics of literary works emerging from various cultures and times in order to recognize common human values and beliefs.

### ENGL 2132

**Course-Specific Outcome**

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.2 Unit 3 Written Discussion</td>
<td>48.78%</td>
<td>46.34%</td>
<td>4.88%</td>
</tr>
<tr>
<td>C.3 Written Discussions Unit 1, Unit 2, or Unit 4</td>
<td>55.56%</td>
<td>33.33%</td>
<td>11.11%</td>
</tr>
</tbody>
</table>

**General Core Outcome**

- Demonstrate knowledge of a diversity of American cultures through the study of literature. (CT)
- Identify the important literary periods and themes of American Literature from the mid-19th Century to the present.

### PHIL 2010

**Course-Specific Outcome**

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.4 Discussion 7a</td>
<td>29.85%</td>
<td>50.75%</td>
<td>19.40%</td>
</tr>
<tr>
<td>C.4 Discussion 8a (Ethics)</td>
<td>31.75%</td>
<td>53.97%</td>
<td>16.92%</td>
</tr>
</tbody>
</table>

**General Core Outcome**

- Explain and evaluate major arguments concerning freedom and determinism. (CT)
- Explain, evaluate and apply major ethical theories.
### SPAN 2001

**Course-Specific Outcome**

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.4</td>
<td>Voice Board 1A or Voice Board 3A or Voice Board 5D</td>
<td>56.52%</td>
<td>34.78%</td>
<td>13.04%</td>
</tr>
</tbody>
</table>

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)

### SPAN 2002

**Course-Specific Outcome**

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.4</td>
<td>Voice Board 10A or Voice Board 6C or Voice Board 9D</td>
<td>61.90%</td>
<td>35.71%</td>
<td>2.38%</td>
</tr>
</tbody>
</table>

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)
Learning Outcomes

AREA D

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 on 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 1211K**

Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate knowledge and understanding of: mager and measurement; reactions and reaction stoichiometry; thermochemistry; properties of gases; periodic properties of elements; atomic structure, chemical bonding, and molecular bonding theories.</td>
<td>D.1 Final Exam</td>
<td>30.77%</td>
<td>69.23%</td>
<td>0.00%</td>
</tr>
<tr>
<td>D.2 Final Exam</td>
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<tr>
<td>D.4 Final Exam</td>
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<tr>
<td>D.5 Final Exam</td>
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<td>D.6 Final Exam</td>
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<td></td>
</tr>
<tr>
<td>Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.</td>
<td>D.9 Laboratory Final Exam</td>
<td>54.39%</td>
<td>42.11%</td>
<td>3.51%</td>
</tr>
<tr>
<td>D.10 Laboratory Final Exam</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collect and analyze scientific data, formulate appropriate conclusions from data analyses, and communicate findings.</td>
<td>D.3 Laboratory Final Exam</td>
<td>65.52%</td>
<td>29.31%</td>
<td>5.17%</td>
</tr>
<tr>
<td>D.7 Laboratory Final Exam</td>
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**CHEM 1212K**

Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate knowledge and understanding of: intermolecular forces, liquids, and solids; properties of solutions; chemical kinetics; chemical equilibrium; acid-base equilibria; chemical thermodynamics; electrochemistry.</td>
<td>D.1 Final Exam</td>
<td>9.09%</td>
<td>87.88%</td>
<td>3.03%</td>
</tr>
<tr>
<td>D.2 Final Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.4 Final Exam</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>D.5 Final Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.6 Final Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.</td>
<td>D.9 Laboratory Final Exam</td>
<td>96.67%</td>
<td>3.33%</td>
<td>0.00%</td>
</tr>
<tr>
<td>D.10 Laboratory Final Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collect and analyze scientific data, formulate appropriate conclusions from data analyses, and communicate findings. (CT)</td>
<td>D.3 Laboratory Final Exam</td>
<td>96.67%</td>
<td>3.33%</td>
<td>0.00%</td>
</tr>
<tr>
<td>D.7 Laboratory Final Exam</td>
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</table>
### GEOL 1011K

#### Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.1</td>
<td>Unit 6 Lab Assignment; Unit 7 Lab Assignment</td>
<td>50.53%</td>
<td>29.47%</td>
<td>20.00%</td>
</tr>
<tr>
<td>D.2</td>
<td>Unit 12: New Water Lab Assignment Midterm Exam – Question 30</td>
<td>29.41%</td>
<td>32.35%</td>
<td>38.24%</td>
</tr>
<tr>
<td>D.3</td>
<td>Unit 11 Lab Assignment</td>
<td>38.10%</td>
<td>38.10%</td>
<td>23.81%</td>
</tr>
<tr>
<td>D.4</td>
<td>Midterm Exam</td>
<td>44.76%</td>
<td>36.19%</td>
<td>19.05%</td>
</tr>
</tbody>
</table>

**Learning Outcomes**

<table>
<thead>
<tr>
<th>Identify earth materials and discuss/interpret their origin, economic uses, compositions, and interrelationships.</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Demonstrate knowledge of Earth surface processes and their impact on mankind.</td>
</tr>
<tr>
<td>Use maps, photos, and diagrams to identify topographic and geologic structures, and the processes which form them. (CT)</td>
</tr>
</tbody>
</table>

### ENVS 2202

#### Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations</th>
<th>Met Expectations</th>
<th>Below Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.1</td>
<td>Unit 2 Discussion(2) Sustainability, Scientific Method, Matter and Energy</td>
<td>94.94%</td>
<td>0.00%</td>
<td>5.06%</td>
</tr>
<tr>
<td>D.4</td>
<td>Interactions Discussion (3B)</td>
<td>93.67%</td>
<td>0.00%</td>
<td>2.53%</td>
</tr>
<tr>
<td>D.7</td>
<td>Personal Water Calculations Discussion (7C)</td>
<td>86.96%</td>
<td>7.25%</td>
<td>2.90%</td>
</tr>
<tr>
<td>D.8</td>
<td>Population Growth Issues Discussion (4B)</td>
<td>87.01%</td>
<td>2.60%</td>
<td>5.19%</td>
</tr>
<tr>
<td>D.10</td>
<td>Environmental Regulations Discussion (8)</td>
<td>85.71%</td>
<td>0.00%</td>
<td>7.14%</td>
</tr>
</tbody>
</table>

**Learning Outcomes**

| Describe integrated science and the basic concepts involved in the study of the subject. |
| Describe various ecosystem components. |
| Discuss human population by calculating human population growth and identifying the impact of such growth on the environment. Explain the balance between the implementation costs of environmental regulations and their impact on mankind. |
| Interpret environmental issues affecting the earth and its populations, including water use, food production, and urban development. (CT) |
## PHYS 1211K

### Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understand and apply the laws and concepts associated with physics by solving word problems.</td>
<td>D.1, D.2, D.4, D.6</td>
<td>Lesson 4, Lesson 5, Lesson 6, Final Exam</td>
<td>56.25%</td>
<td>18.75%</td>
</tr>
<tr>
<td>Perform simple laboratories and reach appropriate conclusions. (CT)</td>
<td>D.3, D.7, D.9, D.10</td>
<td>Laboratory Reports for Lessons 2, 7, or 9</td>
<td>60.00%</td>
<td>40.00%</td>
</tr>
<tr>
<td>Represent data graphically by hand and computer.</td>
<td>D.8</td>
<td>Laboratory Reports for Lessons 1 and 5</td>
<td>100.00%</td>
<td>0.00%</td>
</tr>
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</table>

## MATH 1401

### Course-Specific Outcome

<table>
<thead>
<tr>
<th>General Core Outcome</th>
<th>Assessments</th>
<th>Exceeded Expectations Grade = A</th>
<th>Met Expectations Grade = B/C</th>
<th>Below Expectations Grade = D/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extract quantitative data from a given situation, translate the data, evaluate information, abstract essential information, make logical deductions, and arrive at reasonable conclusions.</td>
<td>D.8</td>
<td>Project 4: Hypothesis Testing (Lesson 5.5-5.7)</td>
<td>74.44%</td>
<td>16.17%</td>
</tr>
</tbody>
</table>
## AREA E

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**

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<tr>
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<tbody>
<tr>
<td>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. Analyze the various interpretations of world historical events, figures, and issues, and explain the ways and the reasons why these interpretations have changed over time. 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. Identify the major historiographical issues associated with the significant time periods, cultures, figures, and events from antiquity through 1500 CE.</td>
<td>E.1 Midterm Exam Score or Final Exam Score</td>
<td>29.46%</td>
<td>51.45%</td>
<td>19.09%</td>
</tr>
<tr>
<td>Exhibit comprehension of the historical process of continuity and change. Appraise how and why the historical interpretations of the controversies, issues, personalities, and problems have changed over time. Identify trends and issues in intellectual and cultural history and be able to relate them to topics in US History. Recognize the role of diversity in American society.</td>
<td>E.2 Discussion 6 – Lesson 2 or Discussion 10 – Lesson 1</td>
<td>34.02%</td>
<td>54.64%</td>
<td>11.34%</td>
</tr>
<tr>
<td></td>
<td>E.3 Unit 4 essay or Discussion Unit 5</td>
<td>51.00%</td>
<td>44.00%</td>
<td>5.00%</td>
</tr>
<tr>
<td></td>
<td>E.4 Unit 12 Discussion</td>
<td>33.03%</td>
<td>57.80%</td>
<td>9.17%</td>
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</tbody>
</table>

### HIST 2111
**Course-Specific Outcome**

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<tbody>
<tr>
<td>Determine the relationship between local and national issues and events. Exhibit comprehension of the historical process of continuity and change. Appraise how and why the historical interpretations of the controversies, issues, personalities, and problems have changed over time. Identify trends and issues in intellectual and cultural history and be able to relate them to topics in US History. Recognize the role of diversity in American society. (GL) Analyze the trials and contributions of the many cultures that make up American society.</td>
<td>E.1 Lesson 5 Discussion</td>
<td>57.87%</td>
<td>37.08%</td>
<td>5.06%</td>
</tr>
<tr>
<td></td>
<td>E.2 Discussion 6 or Discussion 7</td>
<td>45.14%</td>
<td>50.29%</td>
<td>4.57%</td>
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<tr>
<td></td>
<td>E.4 Discussion 4 or Discussion 5</td>
<td>50.81%</td>
<td>45.41%</td>
<td>5.41%</td>
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<tr>
<td></td>
<td>E.5 Lesson 7 Essay</td>
<td>60.00%</td>
<td>32.00%</td>
<td>8.00%</td>
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<tr>
<td></td>
<td>E.6 Discussion 3 or Lesson 8 Essay</td>
<td>49.46%</td>
<td>46.77%</td>
<td>3.76%</td>
</tr>
<tr>
<td></td>
<td>US Midterm Exam Essay Questions (1-41 or 1-42)</td>
<td>49.08%</td>
<td>34.97%</td>
<td>15.95%</td>
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</table>
# Learning Outcomes

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<tr>
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</thead>
<tbody>
<tr>
<td><strong>POLS 1101</strong></td>
<td></td>
<td>E.1 Discussion 14 or 15</td>
<td>76.05%</td>
<td>16.77%</td>
<td>10.18%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E.2 Discussion 6</td>
<td>65.75%</td>
<td>27.07%</td>
<td>12.71%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E.7 Discussion 13</td>
<td>72.78%</td>
<td>17.16%</td>
<td>14.20%</td>
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<tr>
<td></td>
<td></td>
<td>US Discussion 4</td>
<td>80.63%</td>
<td>10.00%</td>
<td>10.63%</td>
</tr>
</tbody>
</table>

| **PSYC 1101**           |                      | E.3 Discussion 4 or Discussion 12 | 44.12% | 54.41% | 1.47% |
|                         |                      | E.4 Discussion 1 or Discussion 10 | 35.04% | 61.31% | 10.42% |

| **SOCI 1101**           |                      | E.3 Lesson 3 Discussion, Lesson 4 Discussion, Lesson 7 Discussion | 37.50% | 50.00% | 12.50% |
|                         |                      | E.5 Lesson 10 Discussion | 42.27% | 39.18% | 18.56% |

- **POLS 1101**
  - Develop an awareness of current political issues and the policy-making process, both domestic and global.
  - Demonstrate an understanding of the cause and effect relationships in society.
  - Recognize differing perspectives and points of view. (CT)
  - Demonstrate a knowledge of the historical background, foundations, origins, content, and application of the US Constitution and Bill of Rights. (US)

- **PSYC 1101**
  - Recognize that human experience and behavior vary as a function of context, culture and situation.
  - Identify, understand, and contrast fundamental psychology perspectives within a historical context; past, present, and future trajectory. (CT)

- **SOCI 1101**
  - 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.
  - 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.