

# 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.

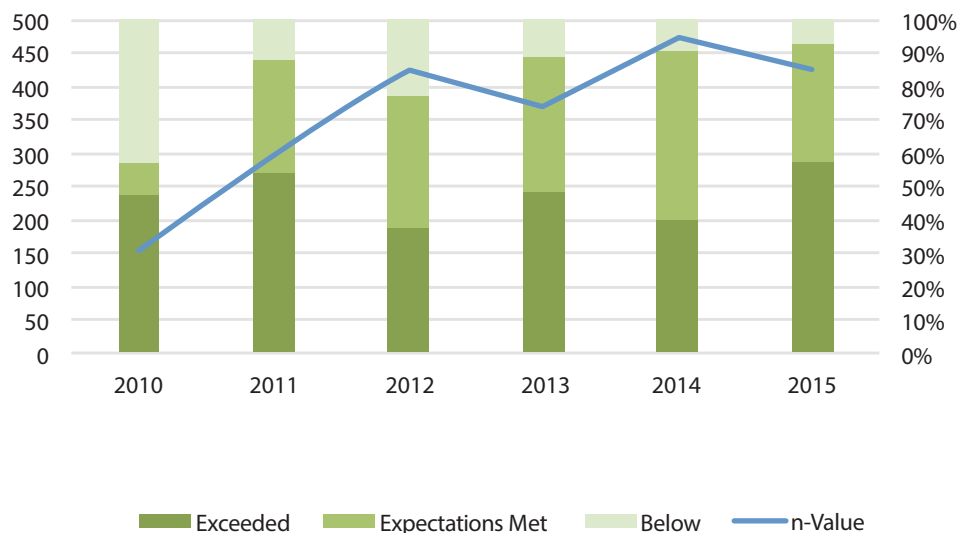
## eCore General Education Assessment: Fall 2015

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% of any given institution’s learning outcomes (eCore Factbook, 2006). The computations are based on the number of students that attempted each assessment. In instances where faculty reports were unavailable, grades were interpreted on the assessment measure noted in the SLA Equivalency agreements.

Course	n-Value	Exceeded	Met	Below
CHEM 1211	426	57.04%	35.45%	7.51%
CHEM 1212	220	30.00%	28.18%	41.82%
COMM 1100	1009	63.92%	28.05%	8.03%
ENGL 1101	1107	52.94%	38.84%	8.22%
ENGL 1102	1476	39.57%	50.27%	10.16%
ENGL 2111	1529	50.43%	36.69%	12.88%
ENGL 2112	753	44.36%	38.11%	17.53%
ENGL 2131	614	51.14%	38.44%	10.42%
ENGL 2132	125	68.80%	22.40%	8.80%
ENVS 2202	1213	74.86%	18.14%	7.01%
ETEC 1101	85	74.12%	23.53%	2.35%
GEOL 1011	735	49.12%	37.55%	13.33%
HIST 1111	1946	42.24%	40.80%	16.96%
HIST 2111	3498	61.43%	33.50%	5.08%
MATH 1101	134	26.87%	41.04%	32.09%
MATH 1111	2076	55.49%	30.83%	13.68%
MATH 1113	902	20.18%	38.47%	41.35%
MATH 1401	232	40.52%	24.57%	34.91%
MATH 1501	335	24.78%	28.36%	46.87%
PHIL 2010	612	65.36%	26.31%	8.33%
PHYS 1211K	66	78.79%	13.64%	7.58%
POLS 1101	2584	69.62%	20.98%	9.44%
PSYC 1101	792	76.14%	18.56%	5.30%
SOCI 1101	934	59.53%	30.51%	9.96%
SPAN 2001	73	78.08%	21.92%	0.00%
SPAN 2002	71	52.11%	39.44%	8.45%
<b>Total/Average</b>	<b>23547</b>	<b>54.10%</b>	<b>30.96%</b>	<b>14.94%</b>

## eCore Historic Learning Outcomes

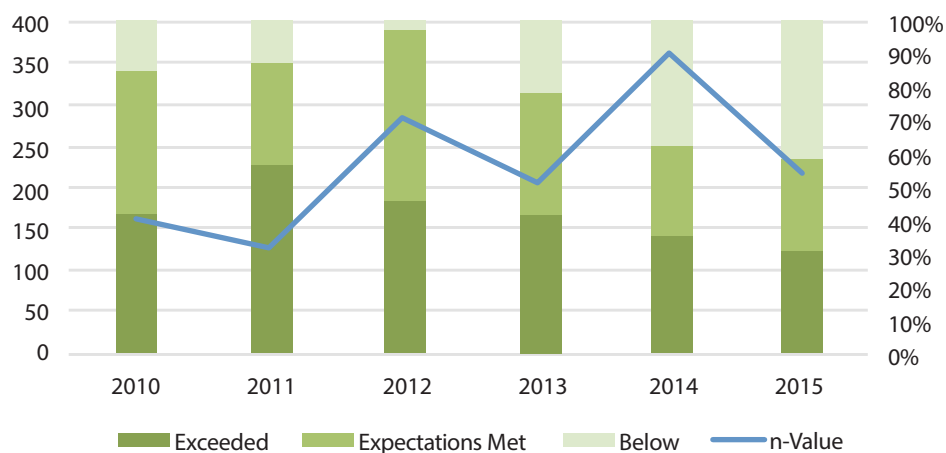
### CHEM 1111



### CHEM 1211

Year	2010	2011	2012	2013	2014	2015
n-Value	154	297	427	371	476	426
Exceeded	48.05%	54.55%	37.24%	48.79%	39.92%	57.04%
Expectations Met	8.44%	33.67%	40.52%	39.62%	51.26%	35.45%
Below	43.51%	11.78%	22.24%	11.59%	8.82%	7.51%

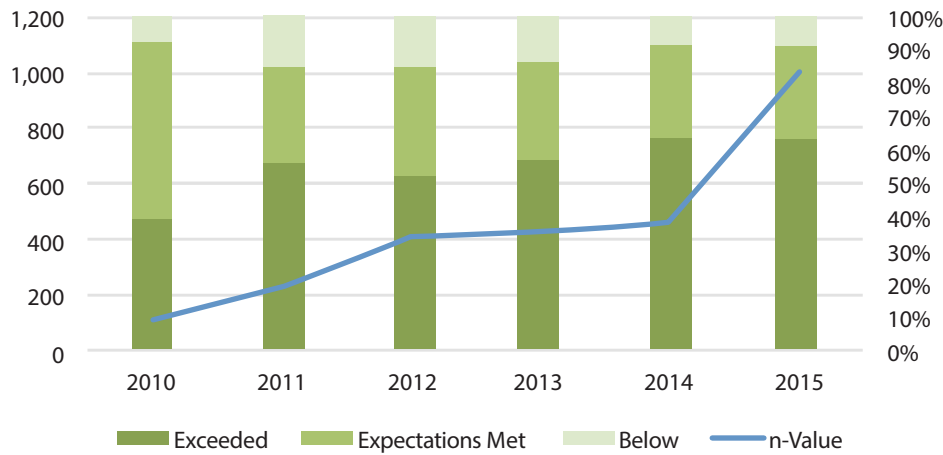
### CHEM 1212



### CHEM 1212

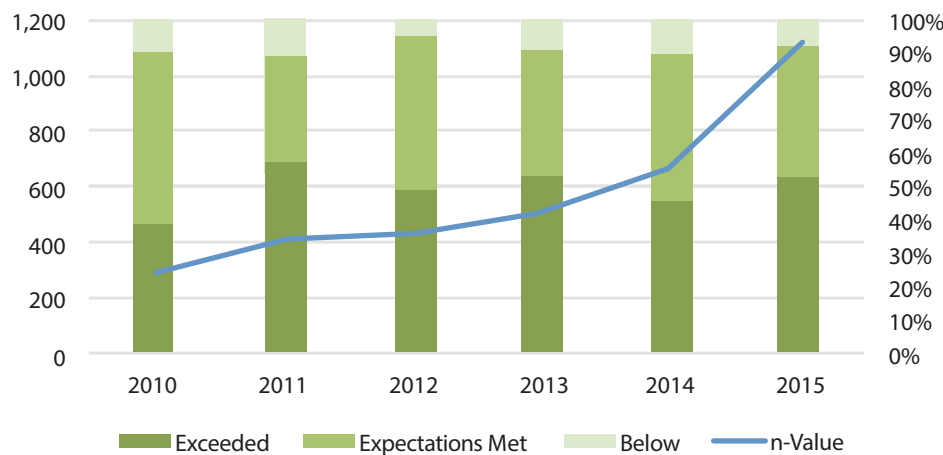
Year	2010	2011	2012	2013	2014	2015
n-Value	162	126	285	205	364	220
Exceeded	41.98%	56.35%	45.96%	42.44%	35.71%	30.00%
Expectations Met	43.21%	31.75%	52.28%	36.59%	26.92%	28.18%
Below	14.81%	11.90%	1.76%	20.97%	37.37%	41.82%

**COMM 1100**



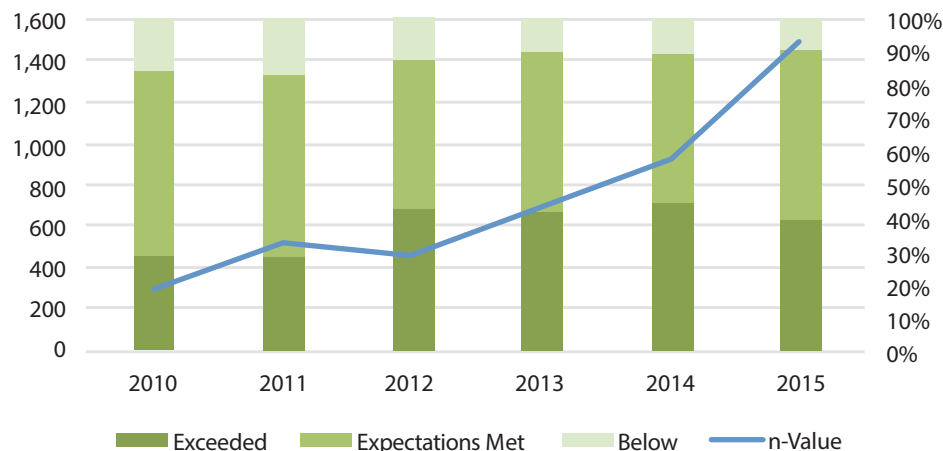
<b>COMM 1100</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	109	241	414	428	465	1,009
Exceeded	39.45%	56.85%	52.42%	57.01%	63.44%	63.92%
Expectations Met	53.21%	28.63%	32.85%	29.91%	28.17%	28.05%
Below	7.34%	14.52%	14.73%	13.08%	8.39%	8.03%

**ENGL 1101**



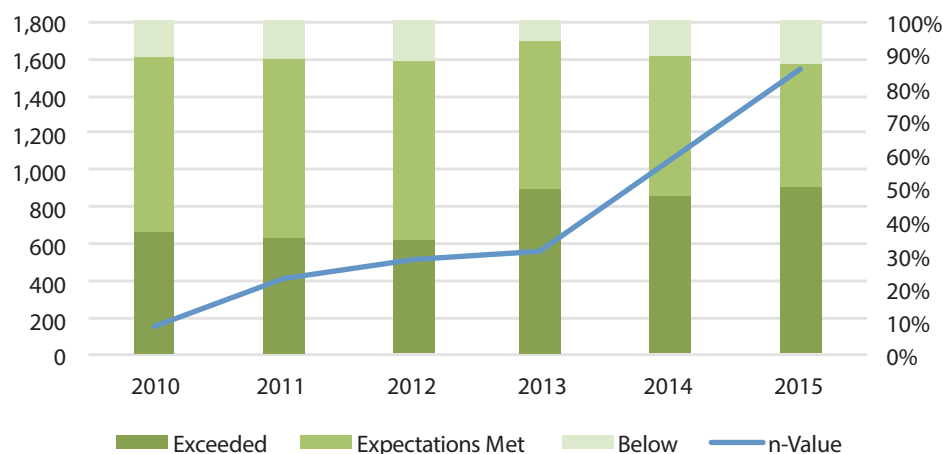
<b>ENGL 1101</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	285	400	431	502	672	1,107
Exceeded	37.89%	57.00%	48.49%	53.19%	45.09%	52.94%
Expectations Met	52.28%	32.75%	46.40%	37.65%	44.35%	38.84%
Below	9.83%	10.25%	5.11%	9.16%	10.56%	8.22%

### ENGL 1102



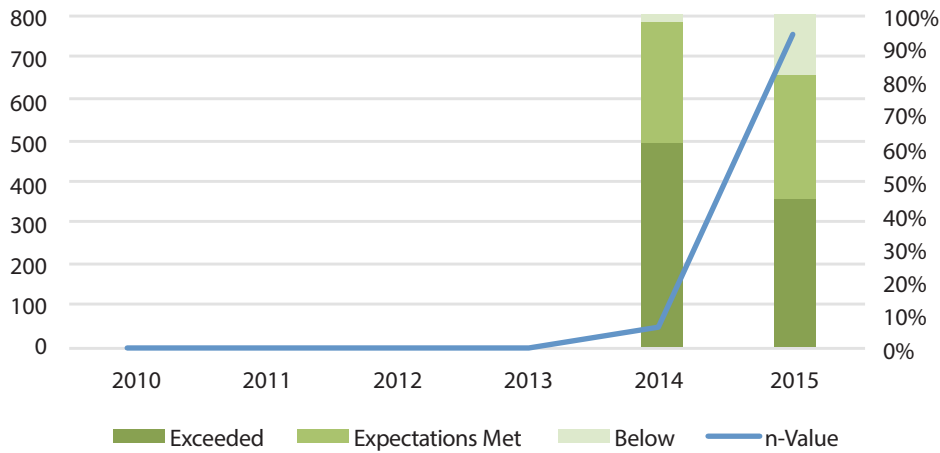
ENGL 1102						
Year	2010	2011	2012	2013	2014	2015
n-Value	293	520	467	714	929	1,476
Exceeded	28.67%	28.65%	42.61%	42.02%	45.64%	39.57%
Expectations Met	55.63%	54.23%	44.97%	48.18%	44.03%	50.27%
Below	15.70%	17.12%	12.42%	9.80%	10.33%	10.16%

### ENGL 2111



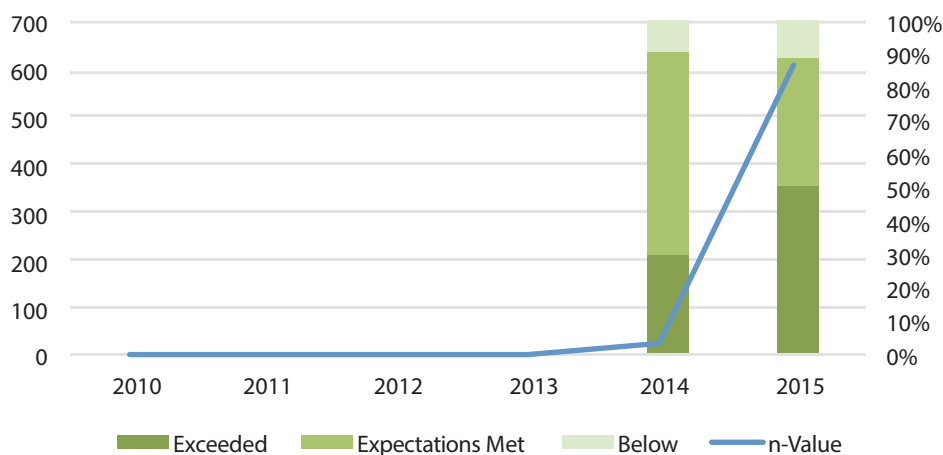
ENGL 2111						
Year	2010	2011	2012	2013	2014	2015
n-Value	115	393	503	545	983	1,529
Exceeded	36.52%	35.11%	33.80%	48.99%	46.69%	50.43%
Expectations Met	53.04%	53.69%	54.27%	45.14%	43.03%	36.69%
Below	10.44%	11.20%	11.93%	5.87%	10.28%	12.88%

**ENGL 2112**



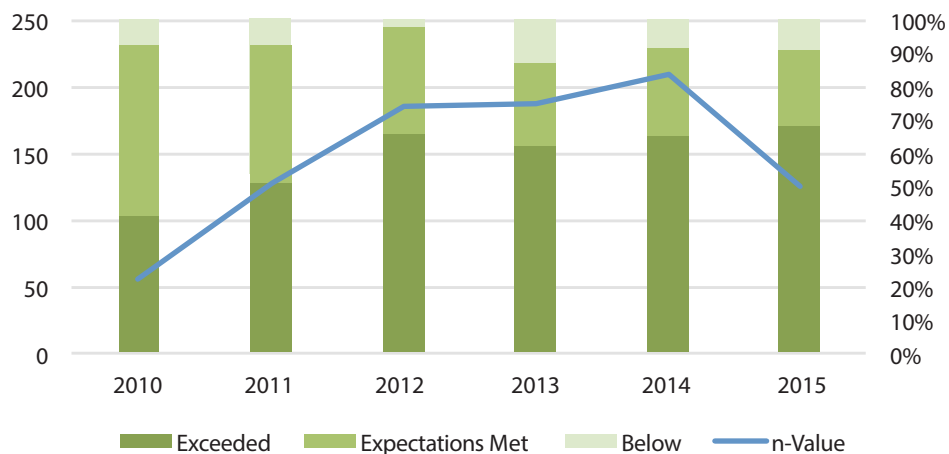
ENGL 2112						
Year	2010	2011	2012	2013	2014	2015
n-Value	0	0	0	0	60	753
Exceeded	0.00%	0.00%	0.00%	0.00%	61.67%	44.36%
Expectations Met	0.00%	0.00%	0.00%	0.00%	36.67%	38.11%
Below	0.00%	0.00%	0.00%	0.00%	1.66%	17.53%

**ENGL 2131**



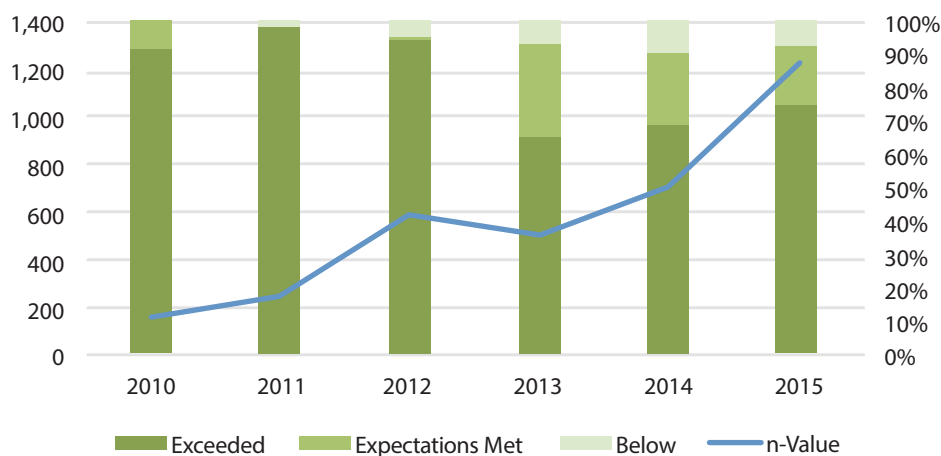
ENGL 2131						
Year	2010	2011	2012	2013	2014	2015
n-Value	0	0	0	0	33	614
Exceeded	0.00%	0.00%	0.00%	0.00%	30.30%	51.14%
Expectations Met	0.00%	0.00%	0.00%	0.00%	60.61%	38.44%
Below	0.00%	0.00%	0.00%	0.00%	9.09%	10.42%

### ENGL 2132



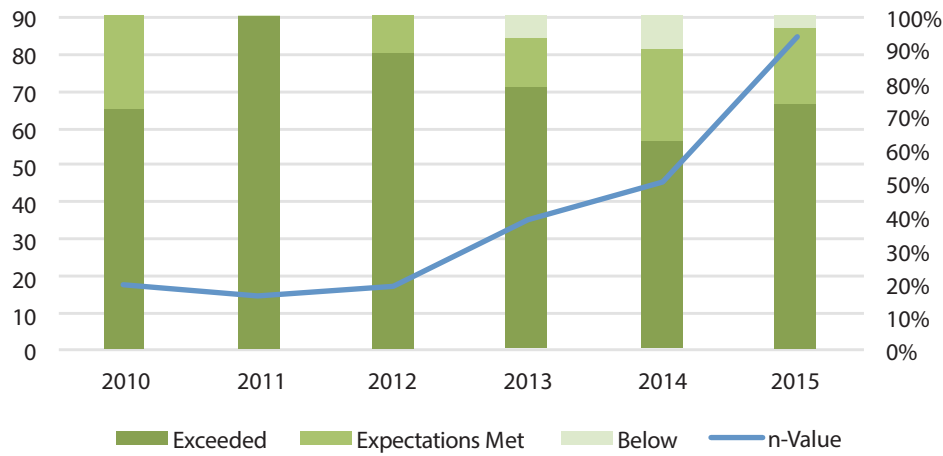
ENGL 2132						
Year	2010	2011	2012	2013	2014	2015
n-Value	56	127	186	187	209	125
Exceeded	41.07%	51.18%	66.13%	62.03%	65.07%	68.80%
Expectations Met	51.79%	41.73%	31.72%	25.13%	26.79%	22.40%
Below	7.14%	7.09%	2.15%	12.84%	8.14%	8.80%

### ENVS 2202



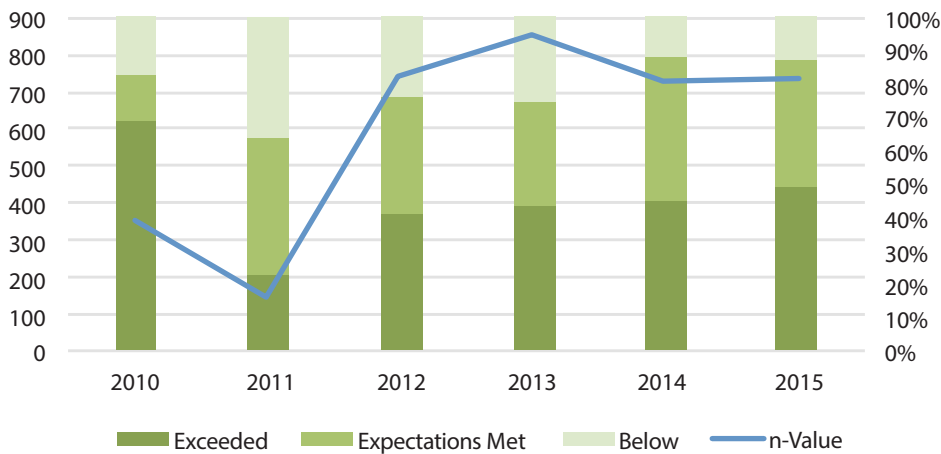
ENVS 2202						
Year	2010	2011	2012	2013	2014	2015
n-Value	152	242	588	502	694	1,213
Exceeded	91.45%	97.93%	93.88%	65.34%	68.30%	74.86%
Expectations Met	8.55%	0.00%	1.53%	28.49%	22.19%	18.14%
Below	0.00%	2.07%	4.59%	6.17%	9.51%	7.01%

**ETEC 1101**



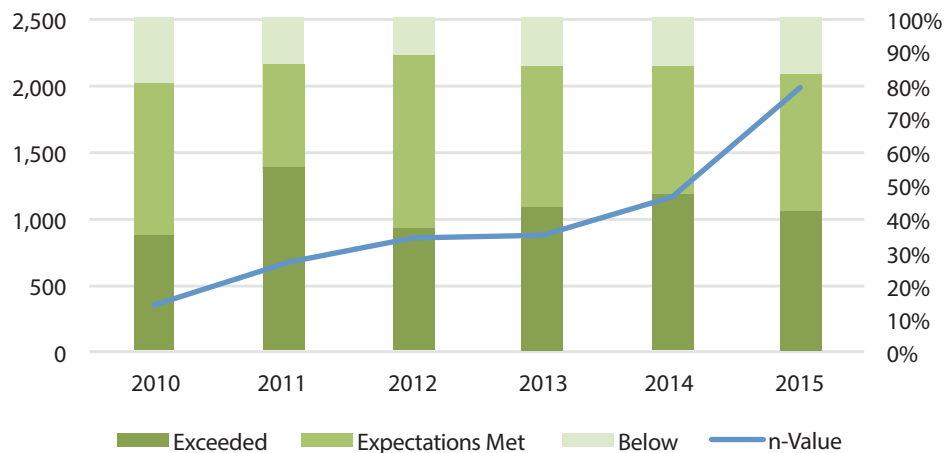
<b>ETEC 1101</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	18	15	18	35	46	85
Exceeded	72.22%	100.00%	88.89%	80.00%	63.04%	74.12%
Expectations Met	27.78%	0.00%	11.11%	14.29%	28.26%	23.53%
Below	0.00%	0.00%	0.00%	5.71%	8.70%	2.35%

**GEOL 1011**



<b>GEOL 1011</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	347	142	743	856	724	735
Exceeded	69.74%	23.24%	40.38%	42.76%	44.34%	49.12%
Expectations Met	13.54%	40.85%	35.67%	31.43%	43.78%	37.55%
Below	16.72%	35.91%	23.95%	25.81%	11.88%	13.33%

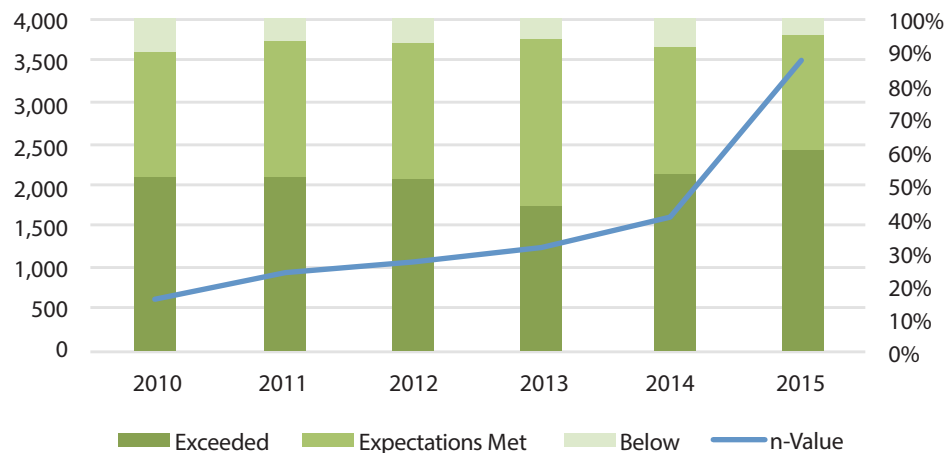
### HIST 1111



#### HIST 1111

Year	2010	2011	2012	2013	2014	2015
n-Value	335	660	853	854	1,182	1,946
Exceeded	35.22%	54.85%	36.46%	43.68%	46.79%	42.24%
Expectations Met	45.67%	31.52%	52.05%	41.45%	38.66%	40.80%
Below	19.11%	13.63%	11.49%	14.87%	14.55%	16.96%

### HIST 2111

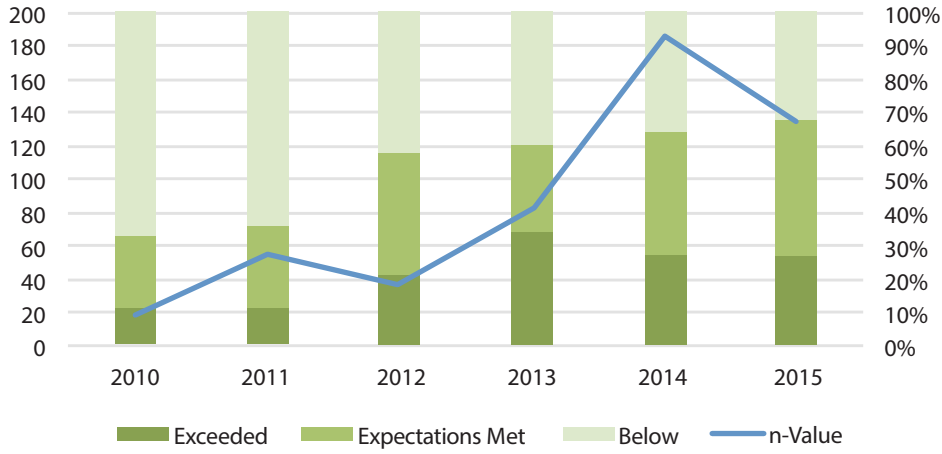


#### HIST 2111

Year	2010	2011	2012	2013	2014	2015
n-Value	636	965	1,062	1,265	1,653	3,498
Exceeded	51.42%	52.23%	52.07%	43.48%	53.54%	61.43%
Expectations Met	38.68%	40.83%	41.24%	49.96%	38.42%	33.50%
Below	9.90%	6.94%	6.69%	6.56%	8.04%	5.08%

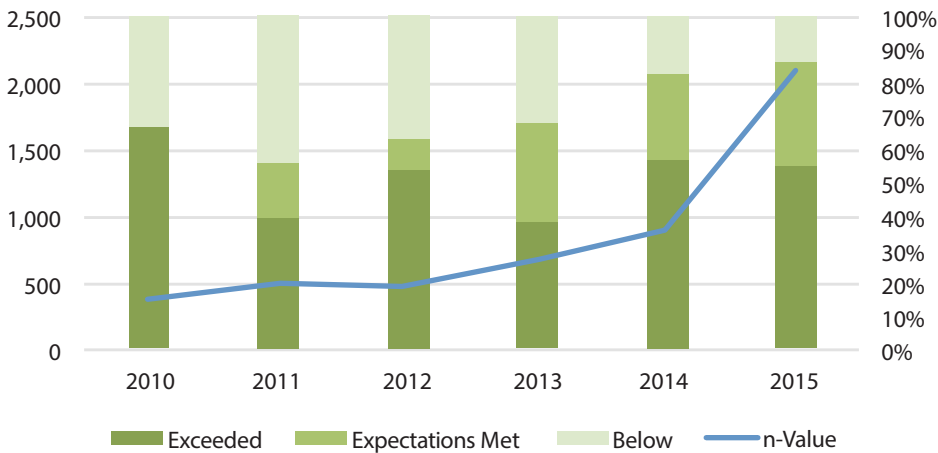


**MATH 1101**



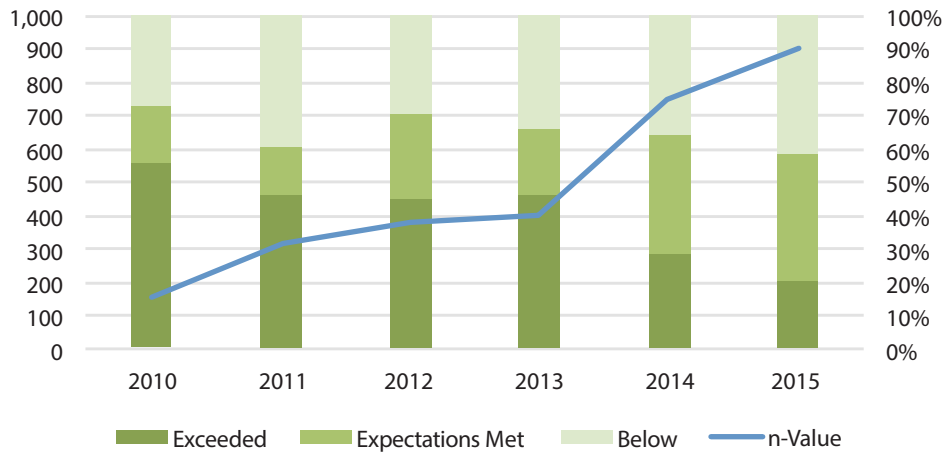
<b>MATH 1101</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	18	56	38	82	186	134
Exceeded	11.11%	10.71%	21.05%	34.15%	26.88%	26.87%
Expectations Met	22.22%	25.00%	36.84%	26.83%	37.63%	41.04%
Below	66.67%	64.29%	42.11%	39.02%	35.49%	32.09%

**MATH 1111**



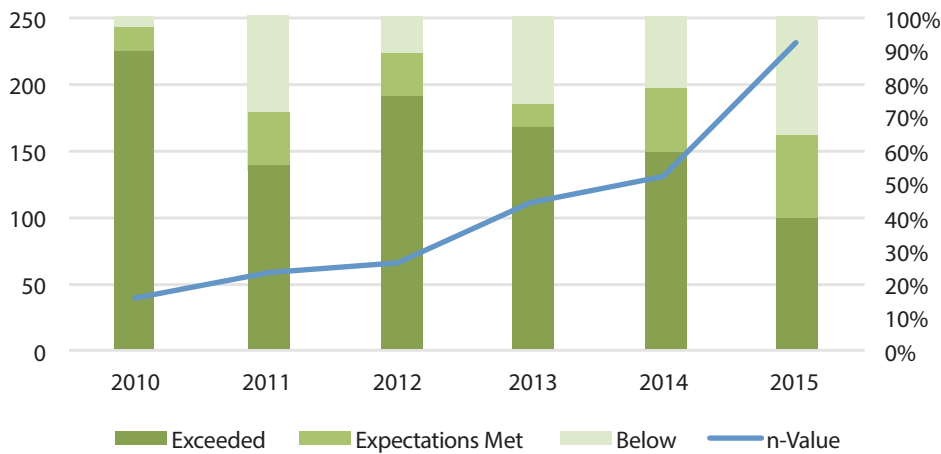
<b>MATH 1111</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	397	522	497	691	910	2,076
Exceeded	67.25%	39.66%	54.33%	39.22%	57.58%	55.49%
Expectations Met	0.00%	16.86%	9.46%	29.52%	25.05%	30.83%
Below	32.75%	43.48%	36.21%	31.26%	17.37%	13.68%

### MATH 1113



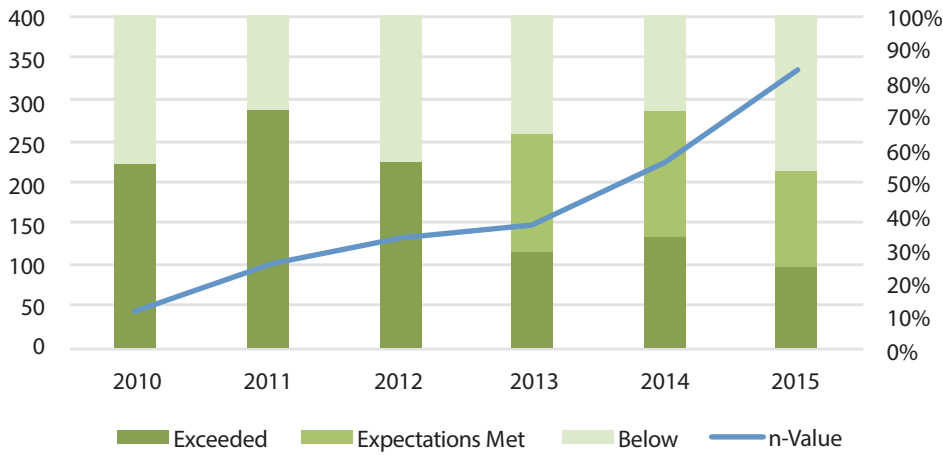
MATH 1113						
Year	2010	2011	2012	2013	2014	2015
n-Value	156	316	384	409	746	902
Exceeded	55.77%	45.89%	45.05%	45.97%	28.69%	20.18%
Expectations Met	17.95%	14.87%	26.04%	20.05%	36.19%	38.47%
Below	26.28%	39.24%	28.91%	33.98%	35.12%	41.35%

### MATH 1401



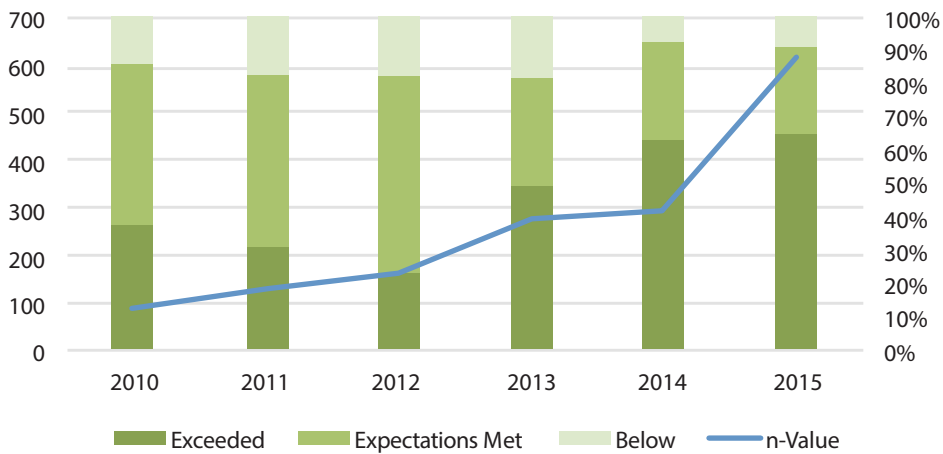
MATH 1401						
Year	2010	2011	2012	2013	2014	2015
n-Value	40	57	65	112	131	232
Exceeded	90.00%	56.14%	76.92%	67.86%	59.54%	40.52%
Expectations Met	7.50%	15.79%	12.31%	6.25%	19.08%	24.57%
Below	2.50%	28.07%	10.77%	25.89%	21.38%	34.91%

**MATH 1501**



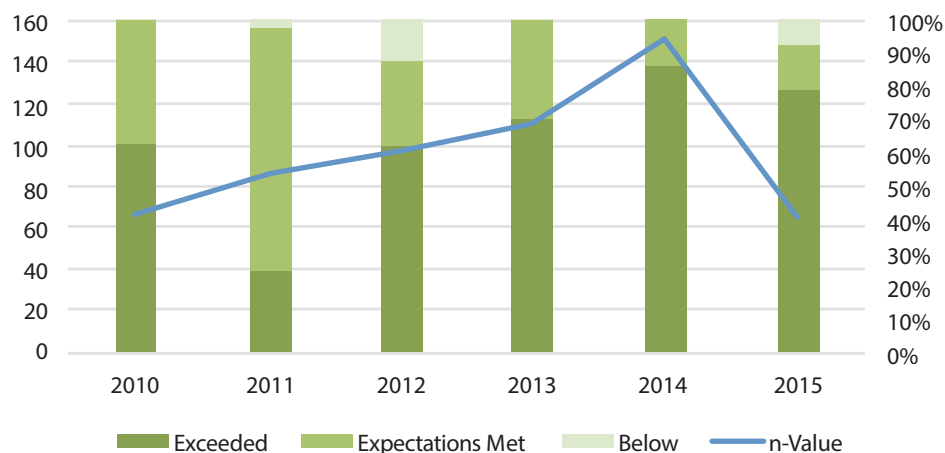
<b>MATH 1501</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	45	102	133	150	226	335
Exceeded	55.56%	71.57%	55.64%	29.33%	34.51%	24.78%
Expectations Met	0.00%	0.00%	0.00%	35.33%	37.17%	28.36%
Below	44.44%	28.43%	44.36%	35.34%	28.32%	46.87%

**PHIL 2010**



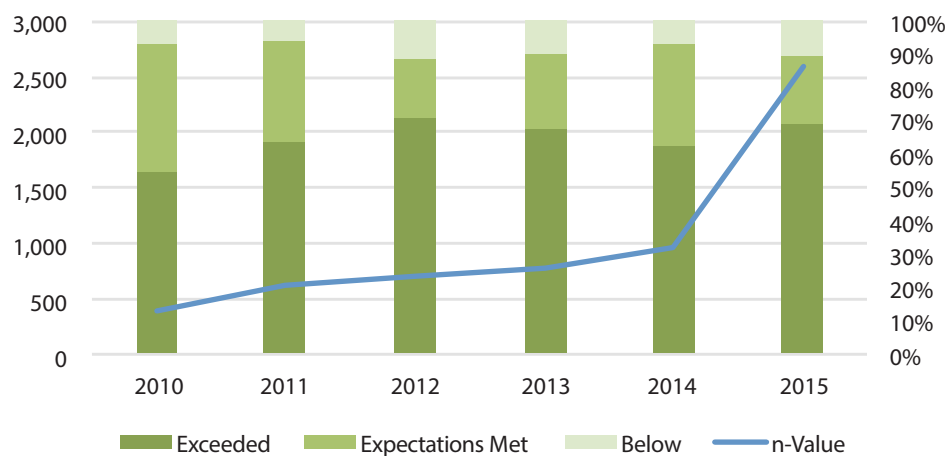
<b>PHIL 2010</b>						
Year	2010	2011	2012	2013	2014	2015
n-Value	88	130	164	277	297	612
Exceeded	37.50%	30.77%	23.78%	49.10%	63.30%	65.36%
Expectations Met	48.86%	52.31%	59.15%	33.21%	29.97%	26.31%
Below	13.64%	16.92%	17.07%	17.69%	6.73%	8.33%

### PHYS 1211



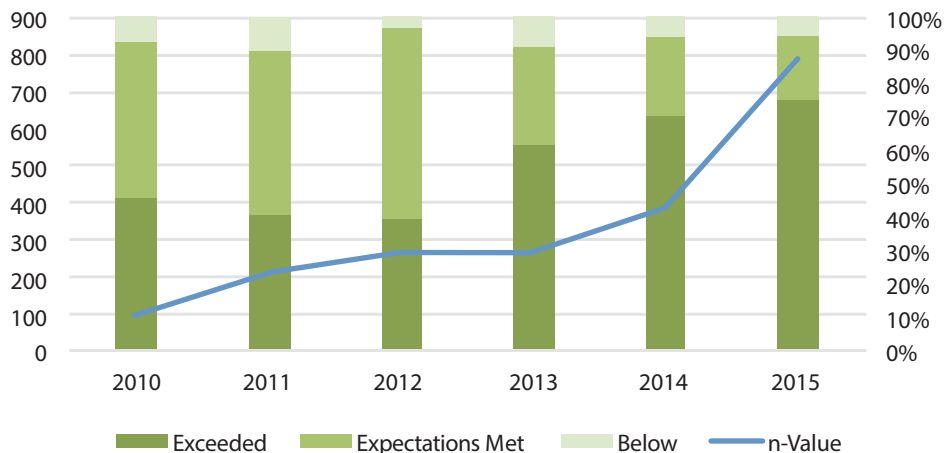
PHYS 1211						
Year	2010	2011	2012	2013	2014	2015
n-Value	68	87	98	111	151	66
Exceeded	63.24%	24.14%	62.24%	70.27%	86.09%	78.79%
Expectations Met	36.76%	73.56%	25.51%	29.73%	13.91%	13.64%
Below	0.00%	2.30%	12.25%	0.00%	0.00%	7.58%

### POLS 1101



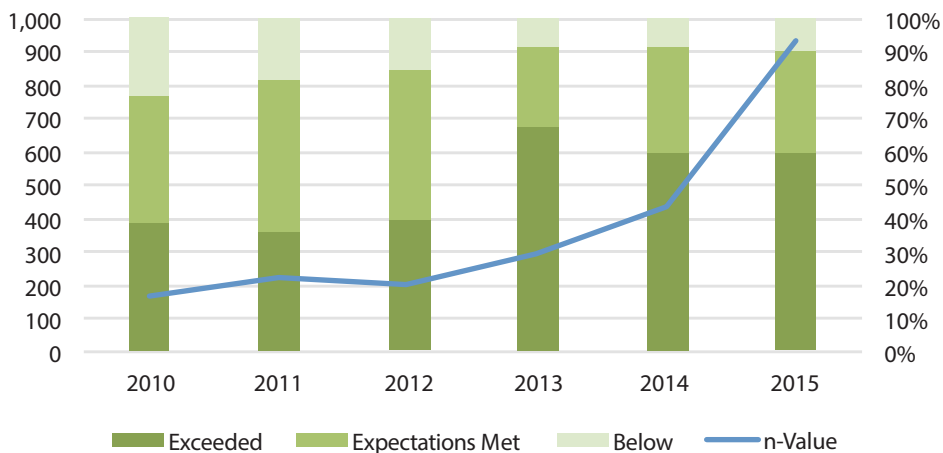
POLS 1101						
Year	2010	2011	2012	2013	2014	2015
n-Value	393	634	701	785	973	2,584
Exceeded	54.71%	63.72%	71.04%	68.15%	62.38%	69.62%
Expectations Met	38.42%	30.76%	17.40%	21.91%	30.73%	20.98%
Below	6.87%	5.52%	11.56%	9.94%	6.89%	9.44%

**PSYC 1101**



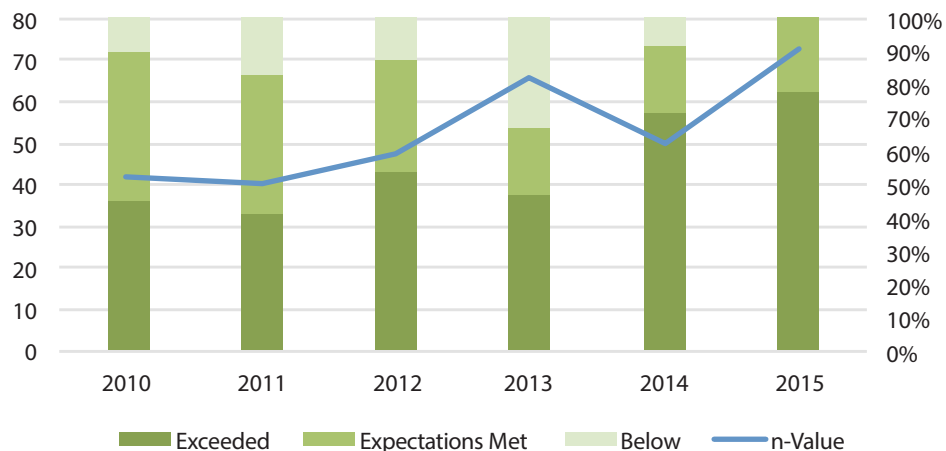
PSYC 1101						
Year	2010	2011	2012	2013	2014	2015
n-Value	97	211	273	274	397	792
Exceeded	46.39%	41.23%	39.56%	62.04%	71.28%	76.14%
Expectations Met	47.42%	48.82%	57.88%	29.56%	23.68%	18.56%
Below	6.19%	9.95%	2.56%	8.40%	5.04%	5.30%

**SOCI 1101**



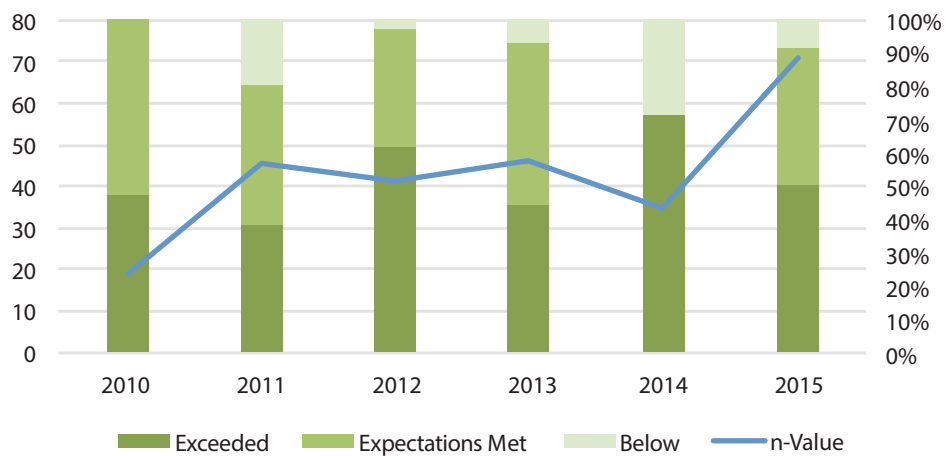
SOCI 1101						
Year	2010	2011	2012	2013	2014	2015
n-Value	165	223	209	292	437	934
Exceeded	38.79%	36.77%	39.71%	68.15%	59.73%	59.53%
Expectations Met	38.18%	44.84%	44.98%	23.63%	32.49%	30.51%
Below	23.03%	18.39%	15.31%	8.22%	7.78%	9.96%

### SPAN 2001



SPAN 2001						
Year	2010	2011	2012	2013	2014	2015
n-Value	42	41	48	66	50	73
Exceeded	45.24%	41.46%	54.17%	46.97%	72.00%	78.08%
Expectations Met	45.24%	41.46%	33.33%	19.70%	20.00%	21.92%
Below	9.52%	17.08%	12.50%	33.33%	8.00%	0.00%

### SPAN 2002



SPAN 2002						
Year	2010	2011	2012	2013	2014	2015
n-Value	19	46	42	47	35	71
Exceeded	47.37%	39.13%	61.90%	44.68%	71.43%	52.11%
Expectations Met	52.63%	41.30%	35.71%	48.94%	0.00%	39.44%
Below	0.00%	19.57%	2.39%	6.38%	28.57%	8.45%

## eCore Course-Level Outcomes: Fall 2015 (by Course)

<b>CHEM 1211</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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.	150	69.33%	28.00%	2.67%
Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.	139	50.36%	38.85%	10.79%
Collect and analyze scientific data, formulate appropriate conclusions from data analyses, and communicate findings.	137	50.36%	40.15%	9.49%
	426	56.69%	35.66%	7.65%

<b>CHEM 1212</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Demonstrate knowledge and understanding of: intermolecular forces, liquids, and solids; properties of solutions; chemical kinetics; chemical equilibrium; acid-base equilibria; chemical thermodynamics; electrochemistry.	150	31.33%	24.67%	44.00%
Employ critical thinking and systematic methods to solve problems, including conceptual and quantitative problems.	70	27.14%	35.71%	37.14%
	220	29.24%	30.19%	40.57%

<b>COMM 1100</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Observe and utilize the recommended strategies for developing, delivering, and evaluating effective public presentations.	323	52.01%	38.39%	9.60%
Describe the different ways in which language defines and frames situations. Analyze the fundamental dimensions of cultural diversity (demographic, regional, and ideological) as they relate to communication.	686	69.53%	23.18%	7.29%
	1009	60.77%	30.78%	8.44%

<b>ENGL 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Write a narrative essay.	324	47.22%	47.22%	5.56%
Plan writing in light of situation, audience, and purpose.	239	43.93%	45.61%	10.46%
When writing an essay, employ a format and structure appropriate to the rhetorical situation.	237	43.46%	46.41%	10.13%
Write clear and complete sentences using standard English and grammar.	307	73.29%	18.89%	7.82%
	1107	51.98%	39.53%	8.49%

<b>ENGL 1102</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Write well-developed, logically-organized essay.	368	41.85%	44.57%	13.59%
Use the writing process to understand different texts.	376	40.69%	52.93%	6.38%
Plan and conduct a research project using a variety of research sources.	356	38.48%	48.60%	12.92%
Use the writing process to understand different texts.	376	37.23%	54.79%	7.98%
	1476	39.56%	50.22%	10.22%

<b>ENGL 2111</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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).	680	43.68%	37.50%	18.82%
Recognize the range of literary genres and conventions as well as the levels of sophistication of literary masterpieces coming from different cultures. Compare and contrast the characteristics of literary works emerging from various cultures and times in order to recognize common human values and beliefs.	404	41.34%	50.25%	8.42%
Analyze and evaluate literary works in their social, historical, and cultural context.	445	68.99%	23.15%	7.87%
	1529	51.33%	36.96%	11.70%



## Learning Outcomes

<b>ENGL 2112</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Demonstrate the ability to compare, contrast and understand diverse literary texts, authors, and genres.	265	33.96%	51.32%	14.72%
Analyze themes and ideas pertinent to World Literature from the mid-seventeenth century to the present.	265	41.51%	41.89%	16.60%
Comprehend how historical or literary movements shape our understanding of literature.	223	60.09%	17.94%	21.97%
	753	45.19%	37.05%	17.76%

<b>ENGL 2131</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Identify the genres, major writers and important schools in American literature from the pre-colonial era to the opening volleys of the Civil War.	205	65.37%	26.83%	7.80%
Summarize, interpret, and infer hypotheses regarding selected texts.	199	44.22%	40.70%	15.08%
Use and extend reading, writing, technological, and critical thinking skills developed in ENGL 1101 and ENGL 1102.	210	43.81%	47.62%	8.57%
	614	51.13%	38.38%	10.48%

<b>ENGL 2132</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Identify the important literary periods and themes of American Literature from the mid-19th Century to the present.	65	69.23%	23.08%	7.69%
Demonstrate knowledge of a diversity of American cultures through the study of literature.	60	68.33%	21.67%	10.00%
	125	68.78%	22.37%	8.85%

<b>ENVS 2202</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Describe integrated science and the basic concepts involved in the study of the subject.	133	61.65%	30.08%	8.27%
Describe various ecosystem components.	298	53.36%	31.88%	14.77%
Discuss human population by calculating human population growth and identifying the impact of such growth on the environment.	323	91.02%	5.57%	3.41%
Explain the balance between the implementation costs of environmental regulations and their impact on mankind.	322	80.12%	16.46%	3.42%
Interpret environmental issues affecting the earth and its populations, including water use, food production, and urban development.	137	83.94%	10.22%	5.84%
	1213	74.02%	18.84%	7.14%

<b>ETEC 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Select appropriate technologies and methods to compile, analyze, organize, and present relevant information effectively.	41	53.66%	43.90%	2.44%
Become effective users of technology.	44	93.18%	4.55%	2.27%
	85	73.42%	24.22%	2.36%

<b>HIST 1111</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectation</b>	<b>Below Expectations</b>
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.	535	32.52%	43.74%	23.74%
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.	459	43.79%	45.10%	11.11%
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.	478	45.19%	41.84%	12.97%
Identify the major historiographical issues associated with the significant time periods, cultures, figures, and events from antiquity through 1500 CE.	474	48.73%	32.28%	18.99%
	1946	42.56%	40.74%	16.70%

<b>HIST 2111</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Determine the relationship between local and national issues and events.	587	57.24%	38.33%	4.43%
Exhibit comprehension of the historical process of continuity and change.	635	56.69%	38.58%	4.72%
Appraise how and why the historical interpretations of the controversies, issues, personalities, and problems have changed over time.	578	65.74%	29.93%	4.33%
Identify trends and issues in intellectual and cultural history and be able to relate them to topics in US History.	654	57.95%	36.85%	5.20%
Recognize the role of diversity in American society.	562	58.90%	32.03%	9.07%
Analyze the trials and contributions of the many cultures that make up American society.	482	67.84%	30.08%	2.07%
	<b>3498</b>	<b>61.43%</b>	<b>33.50%</b>	<b>5.08%</b>

<b>MATH 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Understand the concept and basic properties of functions; linear functions; quadratic functions; polynomial functions; logarithmic functions; and piecewise functions.	134	26.87%	41.04%	32.09%
	<b>134</b>	<b>26.87%</b>	<b>41.04%</b>	<b>32.09%</b>

<b>MATH 1111</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Model situations from a variety of settings in generalized mathematical forms.	459	63.62%	29.63%	6.75%
Express and manipulate mathematical information, concepts, and thoughts in verbal/numeric/graphical/symbolic form while solving a variety of problems.	433	54.73%	33.49%	11.78%
Solve multiple-step problems through different (inductive, deductive, and symbolic) modes of reasoning.	412	48.79%	36.41%	14.81%
Shift among the verbal, numeric, graphical, and symbolic modes of considering relationships.	400	50.50%	27.50%	22.00%
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.	372	59.14%	26.61%	14.25%
	<b>2076</b>	<b>55.36%</b>	<b>30.73%</b>	<b>13.92%</b>

<b>MATH 1113</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Identify the characteristics of various functions.	241	24.90%	46.47%	28.63%
Sketch and analyze the graphs of algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	222	22.52%	34.23%	43.24%
Set up and solve word problems using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	214	14.02%	36.45%	49.53%
Solve equations using algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions.	225	18.67%	36.00%	45.33%
	902	20.03%	38.29%	41.68%

<b>MATH 1401</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Extract quantitative data from a given situation, translate the data, evaluate information, abstract essential information, make logical deductions, and arrive at reasonable conclusions.	232	40.52%	24.57%	34.91%
	232	40.52%	24.57%	34.91%

<b>MATH 1501</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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.	118	36.44%	28.81%	34.75%
Derivatives and Differential: Explain the definition of derivative and how it is related to tangent lines and rates of change, and 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.	112	26.79%	26.79%	46.43%
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.	105	9.52%	29.52%	60.95%
	335	24.25%	28.37%	47.38%

## Learning Outcomes

<b>PHIL 2010</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Explain and evaluate major arguments concerning freedom and determinism.	307	68.08%	23.45%	8.47%
Explain, evaluate, and apply major ethical theories.	305	62.62%	29.18%	8.20%
	612	65.35%	26.32%	8.33%

<b>PHYS 1211</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Understand and apply the laws and concepts associated with physics by solving word problems.	25	80.00%	12.00%	8.00%
Perform simple laboratories and reach appropriate conclusions.	15	73.33%	20.00%	6.67%
Represent data graphically by hand and computer.	26	80.77%	11.54%	7.69%
	66	78.03%	14.51%	7.45%

<b>POLS 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Develop an awareness of current political issues and the policymaking process, both domestic and global.	573	71.03%	19.90%	9.08%
Demonstrate an understanding of the cause-and-effect relationships in society	666	84.53%	11.71%	3.75%
Recognize differing perspectives and points of view.	675	50.67%	32.74%	16.74%
Demonstrate knowledge of the historical background, foundations, origins, content, and application of the US Constitution and Bill of Rights.	670	72.69%	19.25%	8.06%
	2584	69.73%	20.90%	9.41%

<b>PSYC 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
Recognize that human experience and behavior vary as a function of context, culture, and situation.	398	69.60%	25.38%	5.03%
Identify, understand, and contrast fundamental psychology perspectives within a historical context; past, present, and future trajectory.	394	82.74%	11.68%	5.58%
	792	76.17%	18.53%	5.30%

<b>SOCI 1101</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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.	480	56.46%	31.88%	11.67%
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.	454	62.78%	29.07%	8.15%
	934	59.62%	30.47%	9.91%

<b>SPAN 2001</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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.	73	78.08%	21.92%	0.00%
	73	78.08%	21.92%	0.00%

<b>SPAN 2002</b>				
<b>Course Outcome</b>	<b>n-Values</b>	<b>Exceeded Expectations</b>	<b>Met Expectations</b>	<b>Below Expectations</b>
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.	71	52.11%	39.44%	8.45%
	144	65.10%	30.68%	4.23%

## FY16 Course Adjustments

COURSE	SUBJECT	TASK/ACTION TAKEN	Dates
CHEM 1211K	Principles of Chemistry I and LAB	Major Course Revision and OER Implementation.	Spring and Summer 2015
CHEM 1212K	Principles of Chemistry II and LAB	Major Course Revision and OER Implementation.	Spring and Summer 2015
COMM 1100	Human Communications	No major changes.	
ENGL 1101	English Composition I	<ul style="list-style-type: none"> <li>Removed several assignments to make the pacing of the course more reasonable for students and instructors; many instructors found it difficult to keep up with grading .</li> <li>Course to undergo revision in the spring.</li> </ul>	Summer 2016
ENGL 1102	English Composition II		
ENGL 2111	World Literature I	Major Course Revision: <ul style="list-style-type: none"> <li>Authored and implemented OER.</li> <li>Restructured course with new content and assignments.</li> </ul>	Fall 2015
ENGL 2112	World Literature II	No Major Changes.	
ENGL 2131	American Literature I	No major updates between Summer 2015 and Spring 2016.	Fall 2015
ENGL 2132	American Literature II	<ul style="list-style-type: none"> <li>Replaced the textbook with an OER.</li> <li>Reorganized content from 10 units to 6 units to align with the ENGL 2131.</li> <li>Enriched content with various multimedia and scholarly articles.</li> <li>Improved learning activities (quizzes and discussions).</li> </ul>	Summer 2016
ENVS 2202	Environmental Science		
ETEC 1101	Electronic Technology in the Educational Environment		
GEOL 1011K	Introductory Geosciences I and LAB	Lab assignments updated to allow students to submit their work digitally.	Summer 2016
HIST 1111	World History I	Minor updates to course content. Course to be revised and custom OER implemented in Fall 2016.	
HIST 1112*	World History II	COURSE NOT OFFERED DURING FY16*	
HIST 2111	United States History I	Major revision started in Spring 2016 and scheduled to be completed in Summer 2016.	Spring 2016
MATH 1101	Mathematical Modeling		
MATH 1111	College Algebra	No major changes.	
MATH 1113	Pre-Calculus		
MATH 1401	Introduction to Statistics	Additional videos were created and added to the course to provide supplemental instruction.	Fall 2015
MATH 1501	Calculus I		
PHIL 2010	Introduction to Philosophy	Minor changes to course content to include more multimedia (videos) to supplement the current text readings	

COURSE	SUBJECT	TASK/ACTION TAKEN	Dates
PHYS 1211K	Principles of Physics I and LAB	Major course revision, 1. Replaced the textbook with an OER. 2. Reorganized the course structure. 3. All the quizzes and homework were completely redesigned. 4. All the lab experiments and assignments were redesigned.	Spring 2016
POLS 1101	American Government	<ul style="list-style-type: none"> <li>A very informative course introductory video has been added.</li> <li>Several changes have been made to the lesson discussions and two writing assignments. Problem-based learning elements were introduced into the content through the inclusion of real world articles in the introduction and relevant lesson discussion.</li> </ul>	Spring 2016
PSYC 1101	Introduction to Psychology	No major updates between Summer 2015 and Spring 2016.	
SOCI 1101	Introduction to Sociology	<ul style="list-style-type: none"> <li>14 videos were produced by eCore to help students understand challenging concepts in the course</li> <li>Problem-based learning elements were introduced into the content through the inclusion of real world articles in the introduction and relevant unit discussion.</li> <li>A course project was implemented.</li> </ul>	Spring 2016
SPAN 2001	Intermediate Spanish I	<ul style="list-style-type: none"> <li>Quizzes complete redone and now feature a listening section.</li> <li>Transitioned to 4th edition of the Enfoques text</li> <li>Self-assessments completely redone</li> <li>Check-in boards updated to require students to apply what they are learning to answer questions instead of just "checking in".</li> </ul>	Spring 2016
SPAN 2002	Intermediate Spanish II	<ul style="list-style-type: none"> <li>Quizzes complete redone and now feature a listening section.</li> <li>Transitioned to 4th edition of the Enfoques text .</li> <li>Self-assessments completely redone .</li> <li>Check-in boards updated to require students to apply what they are learning to answer questions instead of just "checking in".</li> </ul>	Summer 2016



## Future Course Adjustments by Core Area for FY2017

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

COURSE	SUBJECT	TASK/ACTION TAKEN
CHEM 1211	Principles of Chemistry I and LAB	-Lab kit and lab manual to be revised due to safety concerns. -More examples and practice problems to be added.
CHEM 1212	Principles of Chemistry II and LAB	-Lab kit and lab manual to be revised due to safety concerns. -More examples and practice problems to be added.
COMM 1100	Human Communication	- Course to undergo revision in Fall 2016 to include an OER.
ENGL 1101	English Composition I	-Course to undergo revision in spring 2017.
ENGL 1102	English Composition II	
ENGL 2111	World Literature I	-Major course revision occurred in FY16. Future updates pending Fall 2016 COLA results.
ENGL 2112	World Literature II	No major changes
ENGL 2131	American Literature I	-Pending; No major changes currently planned for the course.
ENGL 2132	American Literature II	-Pending; No major changes currently planned for the course.
ENVS 2202	Environmental Science	No major changes.
ETEC 1101	Electronic Technology in the Educational Environment	No major changes.
GEOL 1011	Introductory Geosciences I	-Minor updates to the lab manual.
HIST 1111	World History I	Major course revision to occur in Fall 2016. OER to be implemented.
HIST 1112	World History II	Course will be offered for the first time in Fall 2016. Updates pending Fall 2016 COLA results.
MATH 1101	Mathematical Modeling	Major course revision to occur in Spring 2017.
MATH 1111	College Algebra	- Course to undergo revision in Spring 2016, aiming at restructuring the course content, improving usability, and updating learning activities.
MATH 1113	Pre-Calculus	Major course revision to occur in Spring 2017.
MATH 1401	Introduction to Statistics	Major course revision to occur during FY17.
MATH 1501	Calculus I	Major course revision to occur in Fall 2016. The current textbook will be replaced and lesson quizzes will be redesigned.
PHIL 2010	Introduction to Philosophy	No major changes.

COURSE	SUBJECT	TASK/ACTION TAKEN
PHYS 1211	Principles of Physics I and LAB	No major changes.
POLS 1101	American Government	- Course to undergo revision in Summer 2017
PSYC 1101	Introduction to Psychology	- No major changes planned, but will be making updates to L3 Discussion (Neuroinformatics); many instructors feel this is too advanced for an intro psychology course.
SOCI 1101	Introduction to Sociology	No major changes.
SPAN 2001	Intermediate Spanish I	-Adjustments to quizzes may be made pending instructor feedback and review of student performance. -Possibly looking towards open resources; UNG editors will look over Supersite and see if we can recreate the resources it offers to students. Continually looking at ways to increase student engagement and success.
SPAN 2002	Intermediate Spanish II	-Adjustments to quizzes may be made pending instructor feedback and review of student performance. -Possibly looking towards open resources; UNG editors will look over Supersite and see if we can recreate the resources it offers to students. Continually looking at ways to increase student engagement and success.

## Reflections on Assessments and Course Adjustments

COURSE	SUBJECT	TASK/ACTION TAKEN
CHEM 1211K	Principles of Chemistry I and LAB	-With implementation of OER, additional examples and practice problems are needed. -Prior to revision, students were responsible for purchasing the required chemicals. After revision, chemicals were included in the lab kit but need to be reduced in strength due to safety concerns during the shipping process. This also requires an update to the lab manual.
CHEM 1212	Principles of Chemistry II and LAB	-With implementation of OER, additional examples and practice problems are needed. -Prior to revision, students were responsible for purchasing the required chemicals. After revision, chemicals were included in the lab kit, but need to be reduced in strength due to safety concerns during the shipping process. This also requires an update to the lab manual.
COMM 1100	Human Communication	- Prior to the revision, there have been concerns over several assignments, instruction for video recording and uploading, as well as the cost of textbook. The revision has addressed these issues.
ENGL 1101	English Composition I	Adjustments require significant forethought; Many of the assignments are helpful and are aimed at improving the students' writing skills, but the current course setup has proven overwhelming for both students and faculty.
ENGL 1102	English Composition II	
ENGL 2111	World Literature I	
ENGL 2112	World Literature II	
ENGL 2131	American Literature I	
ENGL 2132	American Literature II	- The revision restructures the course from the ground, from reorganizing the units, selecting representative authors, and analyzing the selected readings. - The highlight of the revision is the inclusion of various scholarly articles from Galileo and various videos to help students understand the selected reading and the context in which the writings took place.
ENVS 2202	Environmental Science	
ETEC 1101	Electronic Technology in the Educational Environment	
GEOL 1011	Introductory Geosciences I	Allowing students to submit their labs electronically made the entire process easier for both students and instructors.
HIST 1111	World History I	
HIST 1112	World History II	COURSE NOT OFFERED DURING FY16.
HIST 2111	United States History I	
MATH 1101	Mathematical Modeling	Many quiz questions are not written in a conventional way and need to be revised.
MATH 1111	College Algebra	- Course to undergo revision in Spring 2016, aiming at restructuring the course content, improving usability, and updating learning activities.
MATH 1113	Pre-Calculus	Major course revision to occur in Spring 2017.
MATH 1401	Introduction to Statistics	Major course revision to occur during FY17.

COURSE	SUBJECT	TASK/ACTION TAKEN
MATH 1111	College Algebra	There have been concerns over the accuracy of the Test Guides and the clickability/usability of various external and internal links in the course.
MATH 1113	Pre-Calculus	Many quiz questions are not written in a conventional way and need to be revised.  Lesson structure and pacing are not coherent and adjustments are needed.
MATH 1401	Introduction to Statistics	Many quiz questions are not written in a conventional way and need to be revised. Lesson structure and pacing are not coherent and adjustments are needed.
MATH 1501	Calculus I	Many quiz questions are not written in a conventional way and need to be revised. Lesson structure and pacing are not coherent and adjustments are needed. Current textbook didn't provide enough information and needs to be replaced by a better textbook.
PHIL 2010	Introduction to Philosophy	Student review revealed that the course content was overloaded and difficult to understand. The revision aimed at introducing more multimedia into the course to help students understand difficult reading and reduce the amount of text. However, many instructors found that reading philosophical text should be part of the curriculum. After discussing with many instructors, we decided to categorize text readings into required and optional to allow students and instructors to access the needed content while reducing the course load .
PHYS 1211K	Principles of Physics I and LAB	Because all the new laboratory experiments are hands-on labs, more supplemental learning materials are needed. Proctored midterm and final exams need to be revised to align with the newly designed lesson quizzes and homework assignments.
POLS 1101	American Government	With implementation of OER, revised course content and learning activities are needed. Sample midterm and final exams might need to be created due to the instructor's feedback.
PSYC 1101	Introduction to Psychology	A couple changes need to be made to better align the course with other introductory psychology courses.
SOCI 1101	Introduction to Sociology	Under project Bling which aimed at giving a "make-over" to eCore courses, the revision of Sociology produced 14 videos to help explain difficult concepts, along with the inclusion of real world articles, and the adoption of interactive template. The revision has received positive feedback from instructors.
SPAN 2001	Intermediate Spanish I	Adding an audio component was a great idea to further test student knowledge and comprehension; currently gathering data from current students to see how they view the implemented changes.
SPAN 2002	Intermediate Spanish II	Adding an audio component was a great idea to further test student knowledge and comprehension; currently gathering data from current students to see how they view the implemented changes.