**Learning Outcome:** Students will be able to gather relevant information, examine information and form a conclusion based on that information (Critical Thinking).

### Outcome Measure:

ETS Proficiency Profile

### **Criteria for Success:**

85% of the students will be marginal or proficient at Level 2 Reading/Critical Thinking.

### Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

### Longitudinal Data:

	Percentage of Students Marginal or Proficient								
ETS Proficiency Profile	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18			
ETS Exam	80%	92%	100%	84%	92%	76%			

### **Conclusions Drawn from Data:**

Our students have been meeting the benchmark on the ETS exam. The variability has to do with the small sample size.

### Changes to be Made Based on Data:

None at this time.

### **Rubric:**

ETS provides the scores.

**Learning Outcome:** Students will be able to speak about their work with precision, clarity and organization (Oral Communication).

**Outcome Measure:** Annual: Each student will be required to give an oral presentation on a topic in their field as a part of their participation in the Senior Seminar. The audience for this talk will include department faculty, fellow students and possibly some alumni. The students will be given the evaluation criteria in advance of their presentation and will be rated by the faculty using a rubric with a scale of 4 (outstanding) to 1 (unsatisfactory) in the following areas:

- Command of background material
- Organization
- Oral presentation skills (added as part of the new rubric in the spring of 2010)
- Use of presentation tools
- Ability to field questions from the audience

Note that the department has a mapping between its rubric and the AAC&U Oral Communication Value Rubric.

**Criteria for Success:** 80% of the students should have an average score of at least 2.5 in each of the major areas in the department rubric. This translates to 80% of the students being above a 3.5 in the AAC&U rubric.

Our translation from our data to the AAC&U is included. Our department continues to provide the students with our departmental rubric because it has been developed over many years and works effectively with our majors.

## Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

## Longitudinal Data:

Oral Presentation	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Background	94%	88%	100%	95%	100%	100%	92%	100%	95%	100%	100%
Organization	94%	94%	100%	85%	100%	100%	100%	100%	100%	92%	94%
Oral presentation skills			100%	90%	100%	100%	92%	100%	95%	100%	100%
Presentation Tools	88%	94%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Ability to field questions	81%	100%	100%	100%	83%	100%	100%	89%	100%	100%	100%

AAC&U "translation" (we have only done this for the years that PLNU has been making use of the DQP)

Oral AAC&U	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Organization	100%	100%	100%	100%	92%	94%
Language	100%	92%	100%	100%	100%	100%
Delivery	100%	92%	100%	95%	100%	100%
Supporting Material	100%	100%	100%	100%	100%	100%
Central Message	100%	100%	89%	100%	100%	100%

## **Conclusions Drawn from Data:**

In general, the students have been performing reasonably well in the area of giving oral presentations. We attribute this to the fact that we intentionally have students presenting technical material in front of others starting in their freshman year.

## Changes to be Made Based on Data:

Over time we have increased our standards and expanded the rubric to increase clarity for students and to push them to speak at a professional level. Looking at the scores, it is possible to see the times when alterations have been made:

- 2008-09 Standards tightened
- 2009-10 Rubric expanded to include more detailed instructions

# **Oral Presentation Rubric Update (4/12/17)**

Criteria		Outstanding		High Satisfactory	Low Satisfactory	Unsatisfactory
		Clearly knows material and key facts by memory		Clearly knows key facts with a few memory slips	Reads some information; knows some facts from memory	Reads sentences from slides
iand of round al		Expands on PPT slides		Some expansion on PPT slides	No expansion of PPT slide content	Dependent on notes
Command of background material		Content appropriate for audience		Partial audience adaptation of content	Little audience adaptation of content	Lacks audience adaptation of content
		Clear and concise outline		Clear outline	Some sense of outline	No clear outline
lization	Opticity IntegradeRelevant graphics and key text items on slidesToo much information on slides (not concise)Image: Dot optic Dot opticPresentation is between 10-15 minutesPresentation 1 minute outside of the range (10-15 minutes)		Too much detailed information on slides	Slides are in paragraphed; too much detailed information on one slide		
Orgar		Presentation is between 10-15 minutes Presentation 1 minute outside of the range (10-15 minutes)		Presentation 2 minutes outside of the range (10-15 minutes)	Presentation 3 minutes outside of the range (10-15 minutes)	
		Clearly has practiced several		Has practiced but transitions are not smooth	Has practiced presentation but cannot verbally make transitions between slides	Clearly did not practice presentation; Does not anticipate content of next slide
		Engages audience in content multiple time and engagement is well connected to talk (questions, examples, etc)		Engages audience at least twice in content (questions, examples, etc.)	Audience engagement at least once with content (questions, examples, etc.)	No audience involvement
		Free of disfluencies (ah, uhm)		A few disfluencies (ah, umh, er)	Many disfluencies (ah, umh, er)	Disfluencies (ah, umh, er) detract from presentation
on skills		Is clearly heard in the room and makes an uses inflection for emphasis		Can be understood most of the time and uses some inflection	Can sometimes be understood and uses little inflection	Can not be heard and/or speaks in a monotone
Oral Presentation		Engaged audience through eye contact		Some engagement of audience through eye contact	Infrequent eye contact	Little audience awareness or eye contact
Oral P		Engaged audience through gestures		Some engagement of audience through gestures	Distracting gestures or mannerisms	Frequent distracting gestures or mannerisms
tion		PPT background is matched to content, legible font, seamless transitions		Appropriate PPT slide backgrounds, transitions & font	Distracting PPT slide backgrounds and transitions, font hard to read	No attention given to PPT slide backgrounds and transitions, font illegible
Use of Presentation Tools		Graphics imbedded and matched to topic, necessary hyperlinks work		Most graphics imbedded and matched to topic, most necessary hyperlinks work	Some inappropriate graphics or use of PPT embellishments, necessary hyperlinks don't work	Distracting use of embellishments, graphics not connected to topic
Ability to field questions		Able to answer questions clearly and without hesitation and prepared material to answer anticipated questions		Can answer all questions with some hesitation	Able to answer half of the questions with hesitation	Unable to answer any questions

# Translation between MICS and AAC&U Rubric

	MICS Item	
MICS Category	Position in Rubric	AAC&U Category
Clear and concise outline	4	Organization
Relevant graphics and key text items on	_	
slides	5	Organization
Presentation length is +/- 30 seconds of time limit	6	Organization
Expands on PPT slides	2	Language
Content appropriate for audience	3	Language
Engages audience	8	Language
Transitions	7	Delivery
Free of disfluencies (ah, uhm)	9	Delivery
Is clearly heard in the room and uses		
inflection for emphasis	10	Delivery
Engaged audience through eye contact	11	Delivery
Engaged audience through gestures	12	Delivery
PPT background is matched to content,		
legible font, seamless transitions	13	Delivery
Relevant graphics and key text items on slides	5	Supporting
Graphics imbedded and matched to topic,		
necessary hyperlinks work	14	Supporting
Clearly knows material and key facts by		
memory	1	Central Message
Able to answer questions clearly and without		
hesitation	15	Central Message

# AAC&U Value Rubric

	Capstone 4	Milestones 3	Milestones 2	Benchmark 1
Organization	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is clearly and consistently observable and is skillful and makes the content of the presentation cohesive.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is clearly and consistently observable within the presentation.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is intermittently observable within the presentation.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is not observable within the presentation.
Language	Language choices are imaginative, memorable, and compelling, and enhance the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are thoughtful and generally support the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are mundane and commonplace and partially support the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are unclear and minimally support the effectiveness of the presentation. Language in presentation is not appropriate to audience.
Delivery	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation compelling, and speaker appears polished and confident.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation interesting, and speaker appears comfortable.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation understandable, and speaker appears tentative.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) detract from the understandability of the presentation, and speaker appears uncomfortable.
Supporting Material	A variety of types of supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that significantly supports the presentation or establishes the presenter's credibility/authority on the topic.	Supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that generally supports the presentation or establishes the presenter's credibility/authority on the topic.	Supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that partially supports the presentation or establishes the presenter's credibility/authority on the topic.	Insufficient supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make reference to information or analysis that minimally supports the presentation or establishes the presenter's credibility/authority on the topic.
Central Message	Central message is compelling (precisely stated, appropriately repeated, memorable, and strongly supported.)	Central message is clear and consistent with the supporting material.	Central message is basically understandable but is not often repeated and is not memorable.	Central message can be deduced, but is not explicitly stated in the presentation.

**Learning Outcome:** Students will be able to write about their work with precision, clarity and organization (Written Communication).

### **Outcome Measure:**

Annual: Each student will be required to write a paper on a topic in their field as a part of their participation in the Senior Seminar. The audience for this talk will include department faculty, fellow students and possibly some alumni. The students will be given the evaluation criteria in advance of their presentation and will be rated by the faculty using a rubric with a scale of 4 (outstanding) to 1 (unsatisfactory) in the following areas:

- Bibliography and other supporting documentation
- Organization
- Grammar and spelling
- Depth of information
- Clarity of writing

Note that the department has a mapping between its rubric and the AAC&U Written Communication Value Rubric.

Annual: ETS Proficiency Profile.

**Criteria for Success:** 80% of the students should have an average score of at least 2.5 in each of the major areas in the department rubric. This translates to 80% of the students being above a 3.5 in the AAC&U rubric.

ETS: 85% of our students will be marginal or proficient on the Level 2 Writing test.

Our translation from our data to the AAC&U is included. Our department continues to provide the students with our departmental rubric because it has been developed over many years and works effectively with our majors

## Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

# Longitudinal Data:

Written Report	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Bibliography and support	69%	75%	88%	55%	93%	100%	100%	100%	89%	100%	76%
Organization	100%	88%	63%	65%	93%	100%	100%	100%	100%	92%	94%
Grammar and Spelling	94%	75%	81%	60%	79%	100%	92%	89%	84%	100%	88%
Depth of Information	81%	88%	88%	50%	93%	91%	77%	78%	89%	85%	76%
Clarity of Writing	94%	69%	81%	70%	79%	91%	77%	78%	89%	85%	88%

AAC&U "translation" (we have only done this for the years that PLNU has been making use of the DQP)

Written AAC&U	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Organization	100%	100%	100%	89%	92%	94%
Language	100%	92%	100%	89%	85%	76%
Delivery	100%	92%	100%	100%	85%	94%
Supporting Material	100%	100%	100%	89%	100%	76%
Central Message	100%	100%	89%	84%	85%	88%

	Percentage at Marginal or Proficient								
Written ETS	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18			
ETS Proficiency Profile	60%	85%	100%	89%	85%	76%			

# **Conclusions Drawn from Data:**

In general, the students have been performing reasonably well in writing technical reports. We still some weaknesses in the quality of their writing and the use of their source material. The sample size for ETS in the first year was extremely small so we are not particularly concerned about the fact that the score was below the benchmark. The balance of the ETS scores are at or near benchmark (due to small sample sizes, the difference can often be a single person).

### Changes to be Made Based on Data:

Over time we have increased our standards and expanded the rubric to increase clarity for students and to push them to speak at a professional level. Looking at the scores, it is possible to see the times when alterations have been made:

- 2008-09 Standards tightened
- 2009-10 Rubric expanded to include more detailed instructions
- In 2014-15 we instituted a literature review assignment to strengthen the students' capacity for using resources and identifying why the resources are relevant. This assignment needs to be adjusted, but seems to have helped students to understand their work.

In addition, the university has just changed general education requirements so that students will take an upper division literature class. We hope that this further exposure to formal writing later in their academic career will help to strengthen our students' writing.

### **MICS Written Presentation Rubric**

Criteria	Outstanding	High Satisfactory		Low Satisfactory	Unsatisfactory
אם אר א	Multiple references from distinct reputable sources	Most references from distinct reputable sources		Some references from reputable sources	No bibliography or all references from untrusted sites on the internet
Bibliography a supporting documents	References cited in the body of the document	Some citation of references in the body of the document		Limited citation of references in the body of the document	No citation of references in the body of the document
	Conveys a central theme with all ideas connected, arrangement of ideas clearly related to topic	Conveys a central idea or topic with some ideas connected to the topic		Attempts to focus on an idea or topic with many ideas not connected to the topic	Has little or no focus on central idea or topic
E	Clear introduction, body (with sections), and conclusion includes summary and closure	Includes introduction, body and conclusion		Introduction, body, conclusion detectable but not clear	Introduction, body or conclusion absent
Organization	Includes both an abstract and table of contents	Includes abstract and table of contents (one partial and one complete)		Includes partial abstract and partial table of contents	No abstract or table of contents
and	No use of first- person tense	Few uses of the first-person tense		Several uses of the first- person tense	Written in first-person tense
Grammar and spelling	No grammatical or spelling errors	Few grammatical and spelling errors		Some grammatical and spelling errors	Many grammatical and spelling errors
	Appropriately synthesizes information from multiple distinct sources	Synthesis of information from at least three distinct sources		Synthesis of information from at least two distinct sources	Summary reporting of information without synthesis
Depth of information	Draws conclusions and personal insights from synthesis	At least two personal insights or conclusions stated		At least one personal insight or conclusion stated	No personal insights
Depth of	Has the minimum number of pages including penalty pages; subject coverage is excellent	Has the minimum number of pages including penalty pages; subject coverage is good		Has the minimum number of pages including penalty pages; subject coverage is adequate	Does not have the minimum number of pages including penalty pages
	Sentences flow	Good sentence structure		Occasional poor sentence structure	Frequent poor sentence structure
	Smooth transitions between paragraphs	Adequate transitions between paragraphs		Transitions between paragraphs unclear	Lacked transitions between paragraphs
Clarity of writing	Any and all terms and acronyms are defined	Most terms and acronyms are defined		Some terms and acronyms are defined	Many terms and acronyms are undefined
Clarity o	Provides evidence to support points	Lacks support for some points		Provides minimal support for points	Ideas not supported

# Translation between MICS and AAC&U Rubric

MICS Category	MICS Item Position in Rubric	AAC&U Category
Conveys a central theme with all ideas connected, arrangement of ideas clearly related		
to topic	3	Purpose
Appropriately synthesizes information from multiple distinct sources	8	Development
Draws conclusions and personal insights from synthesis	9	Development
Has the minimum number of pages including penalty pages; subject coverage is excellent	10	Development
Provides evidence to support points	14	Development
Clear introduction, body (with sections), and conclusion includes summary and closure	4	Genre
Includes both an abstract and table of contents	5	Genre
Multiple references from distinct reputable sources	1	Source
References cited in the body of the document	2	Source
No use of first- person tense	6	Syntax
No grammatical or spelling errors	7	Syntax
Sentences flow	11	Syntax
Smooth transitions between paragraphs	12	Syntax
Any and all terms and acronyms are defined	13	Syntax

# AAC&U Written Communication Value Rubric

	Capstone 4	Milestones 3	Milestones 2	Benchmark 1	
<b>Context of and Purpose for</b> <b>Writing</b> <i>Includes considerations of</i> <i>audience, purpose, and the</i> <i>circumstances surrounding</i> <i>the writing task(s).</i>	Demonstrates a thorough understanding of context, audience, and purpose that is responsive to the assigned task(s) and focuses all elements of the work.	Demonstrates adequate consideration of context, audience, and purpose and a clear focus on the assigned task(s) (e.g., the task aligns with audience, purpose, and context).	Demonstrates awareness of context, audience, purpose, and to the assigned tasks(s) (e.g., begins to show awareness of audience's perceptions and assumptions).	Demonstrates minimal attention to context, audience, purpose, and to the assigned tasks(s) (e.g., expectation of instructor or self as audience).	
Content Development	Uses appropriate, relevant, and compelling content to illustrate mastery of the subject, conveying the writer's understanding, and shaping the whole work.	Uses appropriate, relevant, and compelling content to explore ideas within the context of the discipline and shape the whole work.	Uses appropriate and relevant content to develop and explore ideas through most of the work.	Uses appropriate and relevant content to develop simple ideas in some parts of the work.	
Genre and Disciplinary Conventions Formal and informal rules inherent in the expectations for writing in particular forms and/or academic fields (please see glossary).	Demonstrates detailed attention to and successful execution of a wide range of conventions particular to a specific discipline and/or writing task (s) including organization, content, presentation, formatting, and stylistic choices	Demonstrates consistent use of important conventions particular to a specific discipline and/or writing task(s), including organization, content, presentation, and stylistic choices	Follows expectations appropriate to a specific discipline and/or writing task(s) for basic organization, content, and presentation	Attempts to use a consistent system for basic organization and presentation.	
Sources and Evidence	Demonstrates skillful use of high-quality, credible, relevant sources to develop ideas that are appropriate for the discipline and genre of the writing	Demonstrates consistent use of credible, relevant sources to support ideas that are situated within the discipline and genre of the writing.	Demonstrates an attempt to use credible and/or relevant sources to support ideas that are appropriate for the discipline and genre of the writing.	Demonstrates an attempt to use sources to support ideas in the writing.	
Control of Syntax and Mechanics	Uses graceful language that skillfully communicates meaning to readers with clarity and fluency, and is virtually error-free.	Uses straightforward language that generally conveys meaning to readers. The language in the portfolio has few errors.	Uses language that generally conveys meaning to readers with clarity, although writing may include some errors.	Uses language that sometimes impedes meaning because of errors in usage.	

**Learning Outcome:** Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy).

**Outcome Measure:** Annual: Each student will be required to write a paper on a topic in their field as a part of their participation in the Senior Seminar. The audience for this talk will include department faculty, fellow students and possibly some alumni. The students will be given the evaluation criteria in advance and their paper will be rated by the faculty using a rubric with a scale of 4 (capstone) to 1 (benchmark) in the following areas:

- References: Multiple references from distinct reputable sources
- Citation: References cited in the body of the document
- Synthesis: Appropriately synthesizes information from multiple distinct sources.

**Criteria for Success:** 80% of the students should have an average score of at least 3 in each of the major areas.

### Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

## Longitudinal Data:

Information Literacy	2012-13	2013-14	2014-15	2015-16*	2016-17	2017-18
References				95%	100%	71%
Citation				84%	92%	76%
Synthesis				84%	85%	82%
Determine the Extent of Information Needed	100%	62%	78%			
Access the Needed Information	91%	69%	100%			
Evaluate Information and its Sources Critically						
(carefully explains the reasons for the choice of						
source) (added 2014-15)			33%			
Use Information Effectively to Accomplish a						
Specific Purpose	91%	85%	89%			
Access and Use Information Ethically and						
Legally	91%	77%	100%			

Note that in 2015-16 we returned to gathering information literacy data from our writing rubric. The AAC&U rubric was not working well for our purposes.

### **Conclusions Drawn from Data:**

The students are meeting our expectations. For the first two years we applied the AAC&U rubric to the student's final senior paper to measure their use of information. The quality of the use of information was uneven and we had not made our expectations clear. The students much more clearly understand the expectations regarding information literacy that are embedded in our writing rubric. However, there was some weakness in 2017-18.

### Changes to be Made Based on Data:

We have tried a variety of approaches, using the AAC&U IL rubric and expanding on that rubric. After looking at the AAC&U results in parallel with the departmental writing rubric, it was clear that the difference in results were insignificant. It is a great deal less work for the department and clearer for the students to simply use the departmental writing rubrics IL components to assess students' IL. We will need to emphasize IL more strongly next year in senior seminar.

Rubric

Next Page

and	Multiple references from distinct reputable sources	Most references from distinct reputable sources	Some references from reputable sources	No bibliography or all references from untrusted sites on the internet
Bibliography a supporting documents	References cited in the body of the document	Some citation of references in the body of the document	Limited citation of references in the body of the document	No citation of references in the body of the document
	Conveys a central theme with all ideas connected, arrangement of ideas clearly related to topic	Conveys a central idea or topic with some ideas connected to the topic	Attempts to focus on an idea or topic with many ideas not connected to the topic	Has little or no focus on central idea or topic
F	Clear introduction, body (with sections), and conclusion includes summary and closure	Includes introduction, body and conclusion	Introduction, body, conclusion detectable but not clear	Introduction, body or conclusion absent
Organization	Includes both an abstract and table of contents	Includes abstract and table of contents (one partial and one complete)	Includes partial abstract and partial table of contents	No abstract or table of contents
	No use of first- person tense	Few uses of the first-person tense	Several uses of the first- person tense	Written in first-person tense
Grammar and spelling	No grammatical or spelling errors	Few grammatical and spelling errors	Some grammatical and spelling errors	Many grammatical and spelling errors
	Appropriately synthesizes information from multiple distinct sources	Synthesis of information from at least three distinct sources	Synthesis of information from at least two distinct sources	Summary reporting of information without synthesis
Depth of information	Draws conclusions and personal insights from synthesis	At least two personal insights or conclusions stated	At least one personal insight or conclusion stated	No personal insights
Depth of i	Has the minimum number of pages including penalty pages; subject coverage is excellent	Has the minimum number of pages including penalty pages; subject coverage is good	Has the minimum number of pages including penalty pages; subject coverage is adequate	Does not have the minimum number of pages including penalty pages
	Sentences flow	Good sentence structure	Occasional poor sentence structure	Frequent poor sentence structure
	Smooth transitions between paragraphs	Adequate transitions between paragraphs	Transitions between paragraphs unclear	Lacked transitions between paragraphs
Clarity of writing	Any and all terms and acronyms are defined	Most terms and acronyms are defined	Some terms and acronyms are defined	Many terms and acronyms are undefined
Clarity	Provides evidence to support points	Lacks support for some points	Provides minimal support for points	Ideas not supported

**Learning Outcome:** Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).

Outcome Measure: Annual: Each student will participate in the ETS Proficiency Profile exam.

**Criteria for Success:** 90% of the students will be Marginal or Proficient at Level 2. Note that we dropped the criteria of success so that it is possible for the department to pass even if a single student misses the criteria.

### Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

### Longitudinal Data:

	Percentage of Students Marginal or Proficient								
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18			
ETS Proficiency Profile Level 2 Math	100%	100%	100%	100%	92%	82%			

### **Conclusions Drawn from Data:**

Students are in general meeting our criteria. The variation often comes down to a single student because of small sample sizes.

## Changes to be Made Based on Data:

None at this time. We will continue to monitor the results.

### **Rubrics**

ETS Proficiency Profile (no rubric involved)