

Department of Kinesiology
Core Competency Assessment 2014-2017

Core Competency:

Quantitative Literacy

Outcome Measure:

Exercise Physiology (KIN 340) Signature Assignment: Case Analysis and Lab

Criteria for Success (if applicable): 80% of students will be at “3” or higher

Longitudinal Data (Fall 2014-Spring 2017)

| Quantitative Literacy skill | % of students achieving “3” or higher (Pooled Data) (N=33) | % of students achieving “3” or higher (Fall 2014) (N=21) | % of students achieving “3” or higher (Spring 2015) (N=12) |
|-----------------------------|--|--|--|
| Interpretation | 88% | 90% | 83% |
| Representation | 76% | 85% | 58% |
| Calculation | 62% | 66% | 58% |
| Application/Analysis | 67% | 71% | 58% |
| Assumptions | 85% | 85% | 83% |
| Communication | 82% | 80% | 82% |
| Quantitative Literacy skill | % of students achieving “3” or higher (Pooled Data) (N=45) | % of students achieving “3” or higher (Fall 2015) (N=18) | % of students achieving “3” or higher (Spring 2016) (N=27) |
| Interpretation | 96% | 96% | 96% |
| Representation | 94% | 91% | 96% |
| Calculation | 94% | 91% | 96% |
| Application/Analysis | 94% | 91% | 96% |
| Assumptions | 98% | 96% | 100% |
| Communication | 96% | 96% | 96% |
| Quantitative Literacy skill | % of students achieving “3” or higher (Pooled Data) (N=39) | % of students achieving “3” or higher (Fall 2016) (N=20) | % of students achieving “3” or higher (Spring 2017) (N=19) |
| Interpretation | 97% | 100% | 94% |
| Representation | 90% | 85% | 94% |
| Calculation | 92% | 90% | 94% |
| Application/Analysis | 87% | 90% | 84% |
| Assumptions | 95% | 90% | 100% |
| Communication | 95% | 95% | 94% |

Interpretation:

Students in the Department of Kinesiology met all of the criteria for the quantitative literacy skill, this is in contrast to the data from Fall 2014-Spring 2015.

Changes to be made based on the data:

No changes to be made at this time.

Rubric Used:

ACC&U Quantitative Literacy Rubric

Core Competency:

Critical Thinking

Outcome Measure:

Exercise Physiology (KIN 340) Signature Assignment: Case Analysis and Lab

Criteria for Success (if applicable): 80% of students will be at “3” or higher**Longitudinal Data (From Fall 2014 – Spring 2017):**

| Critical Thinking skill | % of students achieving “3” or higher (Pooled Data) (N=39) | % of students achieving “3” or higher (Fall 2014) (N=25) | % of students achieving “3” or higher (Spring 2015) (N=14) |
|------------------------------------|--|--|---|
| Explanation of issues | 72% | 72% | 70% |
| Evidence | 67% | 68% | 63% |
| Influence of context & assumptions | 74% | 76% | 71% |
| Student’s position | 77% | 80% | 70% |
| Conclusions and related outcomes | 62% | 64% | 76% |
| Critical Thinking skill | % of students achieving “3” or higher (Pooled Data) (N=46) | % of students achieving “3” or higher (Fall 2015) (N=18) | % of students achieving “3” or higher (Spring 2016) (N=28) |
| Explanation of issues | 79% | 67% | 90% |
| Evidence | 80% | 67% | 93% |
| Influence of context & assumptions | 86% | 78% | 93% |
| Student’s position | 91% | 89% | 93% |
| Conclusions and related outcomes | 79% | 67% | 90% |
| Critical Thinking skill | % of students achieving “3” or higher (Pooled Data) (N=39) | % of students achieving “3” or higher (Fall 2016) (N=20) | % of students achieving “3” or higher (Spring 2017) (N= 19) |
| Explanation of issues | 75% | 70% | 80% |
| Evidence | 85% | 75% | 95% |
| Influence of context & assumptions | 88% | 80% | 95% |
| Student’s position | 82% | 75% | 89% |
| Conclusions and related outcomes | 80% | 75% | 84% |

Interpretation:

We did not meet the criteria for critical thinking in the areas of explanation of issues and conclusions/related outcomes. While we did not meet the specified criteria of 80% were close to meeting it when looking at the pooled data. What we can see from our data is that Spring semester data is relatively strong....this may be as a result of advising and placing our strongest students in the spring semester of this course.

Changes to be made:

No changes to be made. We already restructured KIN 101 so that we are spending more time on writing in our freshmen students. We hope that as we spend more time on writing in KIN 101 that as the students’ progress through their academic plan we will begin to see students who are better at writing conclusions and explaining the data.

Rubric Used:

ACC&U Critical Thinking

Core Competency:

Information Literacy

Outcome Measure:

Exercise Physiology (KIN 340) Signature Assignment: Case Analysis and Lab

Criteria for Success (if applicable): 80% of students will be at "3" or higher**Longitudinal Data (From Fall 2014 – Spring 2017):**

| Information Literacy skill | % of students achieving "3" or higher (Pooled Data) (N=38) | % of students achieving "3" or higher (Fall 2014) (N=25) | % of students achieving "3" or higher (Spring 2015) (N=14) |
|---------------------------------------|---|---|---|
| Determine Information needed | 79% | 76% | 85% |
| Access Information | 87% | 80% | 100% |
| Evaluate Information & Sources | 59% | 56% | 64% |
| Use Information | 74% | 80% | 83% |
| Access & Use Info Legally & Ethically | 95% | 96% | 92% |
| Information Literacy skill | % of students achieving "3" or higher (Pooled Data) (N=46) | % of students achieving "3" or higher (Fall 2015) (N=18) | % of students achieving "3" or higher (Spring 2016) (N=28) |
| Determine Information needed | 79% | 72% | 86% |
| Access Information | 79% | 72% | 86% |
| Evaluate Information & Sources | 71% | 56% | 86% |
| Use Information | 73% | 56% | 90% |
| Access & Use Info Legally & Ethically | 85% | 83% | 86% |
| Information Literacy skill | % of students achieving "3" or higher (Pooled Data) (N=39) | % of students achieving "3" or higher (Fall 2016) (N=19) | % of students achieving "3" or higher (Spring 2017) (N=20) |
| Determine Information needed | 70% | 65% | 75% |
| Access Information | 85% | 79% | 90% |
| Evaluate Information & Sources | 78% | 65% | 90% |
| Use Information | 77% | 79% | 75% |
| Access & Use Info Legally & Ethically | 90% | 79% | 100% |

Interpretation:

Information literacy continues to be one of our weaknesses within the core competency assessment. Part of the issue with this data is that the Fall semester is really driving the success for this criteria down (see core competency above for possible explanation). For this particular core competency, we met the criteria for assessing and using information legally and ethically that our library faculty and the KIN 101 have prepared students adequately in this area. One consideration is that maybe the criteria for this specific competency is too high.

Changes to be made:

Consider reducing the criteria for success in this particular core competency.

Rubric Used:

ACC&U Information Literacy

Core Competency:

Written Communication

Outcome Measure:

Exercise Physiology (KIN 340) Signature Assignment: Concept Map Paper

Criteria for Success (if applicable): 80% of students will be at "3" or higher**Longitudinal Data (From Fall 2014 – Spring 2017):**

| Written Communication skill | % of students achieving "3" or higher (Pooled Data) (N=38) | % of students achieving "3" or higher (Fall 2014) (N=24) | % of students achieving "3" or higher (Spring 2015) (N=14) |
|--------------------------------|---|---|---|
| Context/Purpose | 82% | 79% | 86% |
| Content Development | 70% | 75% | 64% |
| Genre/Disciplinary Conventions | 82% | 92% | 71% |
| Sources & Evidence | 75% | 71% | 79% |
| Syntax & Mechanics | 80% | 75% | 86% |
| Written Communication skill | % of students achieving "3" or higher (Pooled Data) (N=46) | % of students achieving "3" or higher (Fall 2015) (N=18) | % of students achieving "3" or higher (Spring 2016) (N=28) |
| Context/Purpose | 80% | 67% | 93% |
| Content Development | 79% | 67% | 90% |
| Genre/Disciplinary Conventions | 85% | 72% | 97% |
| Sources & Evidence | 80% | 67% | 93% |
| Syntax & Mechanics | 91% | 89% | 93% |
| Written Communication skill | % of students achieving "3" or higher (Pooled Data) (N=) | % of students achieving "3" or higher (Fall 2015) (N=19) | % of students achieving "3" or higher (Spring 2016) (N=20) |
| Context/Purpose | 76% | 80% | 75% |
| Content Development | 77% | 63% | 90% |
| Genre/Disciplinary Conventions | 87% | 84% | 90% |
| Sources & Evidence | 84% | 78% | 90% |
| Syntax & Mechanics | 87% | 83% | 90% |

Interpretation:

We did not meet the criteria for success in the areas of context/purpose and content development when we look at the pooled data.

Changes to be made:

Please see critical thinking core competency for any changes to be made.

Rubric Used:

ACC&U Written Communication

Core Competency:

Oral Communication

Outcome Measure:

Exercise Physiology (KIN 312) Signature Assignment: Motor Development Oral Presentation

Criteria for Success (if applicable): 80% of students will be at “3” or higher**Longitudinal Data (From Fall 2014 – Spring 2017):**

| Oral Communication skill | % of students achieving “3” or higher (Pooled Data) (N=19) | % of students achieving “3” or higher (Fall 2014) (N=7) | % of students achieving “3” or higher (Spring 2015) (N=12) |
|--------------------------|--|--|--|
| Organization | 89% | 70% | 100% |
| Language | 95% | 99% | 99% |
| Delivery | 89% | 85% | 100% |
| Supporting material | 89% | 70% | 100% |
| Central message | 95% | 85% | 99% |
| Oral Communication skill | % of students achieving “3” or higher (Pooled Data) (N=17) | % of students achieving “3” or higher (Fall 2015) (N=4) | % of students achieving “3” or higher (Spring 2016) (N=13) |
| Organization | 100% | 100% | 100% |
| Language | 84% | 75% | 92% |
| Delivery | 84% | 75% | 92% |
| Supporting material | 88% | 75% | 100% |
| Central message | 100% | 100% | 100% |
| Oral Communication skill | % of students achieving “3” or higher (Pooled Data) (N=15) | % of students achieving “3” or higher (Fall 2016) (N=10) | % of students achieving “3” or higher (Spring 2017) (N=5) |
| Organization | 90% | 100% | 80% |
| Language | 80% | 80% | 80% |
| Delivery | 85% | 90% | 80% |
| Supporting material | 85% | 90% | 80% |
| Central message | 100% | 100% | 100% |

Interpretation:

Kinesiology students are able to effectively communicate within their discipline.

Changes to be made:

As a department we have changed the prerequisites for this course to ensure that our majors are taking this course in the senior year vs junior and sophomore years. We hope this would increase the N being reported over the years to come.

Rubric Used:

ACC&U Oral Communication

KINESIOLOGY Core Competencies

Learning Outcome:

Critical Thinking: Students will be able to examine, critique and synthesize information in order to arrive at reasoned conclusions.

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

70% of the students will be marginal or proficient at Level 2 Reading/Critical Thinking.

Aligned with DQP Learning Areas (circle one or more but not all five):

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 |
| ETS Proficiency Profile Level 2 Critical Thinking | 71.4% | 53.3% | 77.3% | 80.0% | 82.4% |

Conclusions Drawn from Data:

Kinesiology students have met our criteria success over the past two academic years and are showing moderate improvement in Critical Thinking/Reading.

Changes to be Made Based on Data:

No changes are needed at this point. It appears that our concerted effort to increase the percentage of seniors who take the ETS Proficiency Profile has resulted in more valid results representative of the performance of our seniors. We have ongoing dialogue on whether to require the ETS exam in a Capstone course so that we can get participation from all seniors.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.

KINESIOLOGY
Core Competencies

Learning Outcome:

Written: Students will be able to effectively express ideas and information to others through written communication.

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

80% of the students will be marginal or proficient at Level 2 Writing.

Aligned with DQP Learning Areas (circle one or more but not all five):

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 |
| ETS Proficiency Profile Level 2 Writing | 100.0% | 80.0% | 77.3% | 80.0% | 82.4% |

Conclusions Drawn from Data:

Kinesiology students have met our criteria for success over the past two academic years.

Changes to be Made Based on Data:

No changes are needed at this point. It appears that our concerted effort to increase the percentage of seniors who take the ETS Proficiency Profile has resulted in more valid results representative of our department's seniors.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.

KINESIOLOGY
Core Competencies

Learning Outcome:

Quantitative Reasoning: Students will be able to solve problems that are quantitative in nature.

Outcome Measure:

ETS Proficiency Profile Exam

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

75% of the students will be marginal or proficient at Level 2 Math.

Aligned with DQP Learning Areas (circle one or more but not all five):

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 |
| ETS Proficiency Profile Level 2 Math | 71.4% | 100.0% | 81.8% | 80.0% | 100.0% |

Conclusions Drawn from Data:

Kinesiology students have met our criteria for success over the past four academic years.

Changes to be Made Based on Data:

We will consider changing the criteria for success to 80% marginal or proficient at Level 2.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.