

College of Health Sciences
Undergraduate Kinesiology
Applied Health Science (AHS)
2020-2021

Learning Outcome #1a

Speak and write effectively to a target audience on essential information in health care.

Criteria for success: 80% of students will score 3 or higher AACU written communication rubric

Signature Assignment: Literature Review Paper

Course: KIN 1001

Aligned with DQP Learning Areas:

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

Written Communication skill	% of students achieving “3” or higher	
	Fall 2019 (N=40)	Fall 2020 (N=44)
Context/Purpose	100%	95%
Content Development	83%	84%
Genre/Disciplinary Conventions	85%	84%
Sources & Evidence	98%	98%
Syntax & Mechanics	93%	84%

Interpretation and Conclusion:

The learning outcome was met.

Changes to be made:

No changes at this time.

Rubric Used: AACU written communication

Learning Outcome #1b

Speak and write effectively to a target audience on essential information in health care.

Criteria for success: 80% of students will score 3 or higher AACU written communication rubric

Signature Assignment: Passionate Speech

Course: KIN 4095

Aligned with DQP Learning Areas:

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

Oral Communication	% of students achieving “3” or higher		
	Fall 2019 (N=14)	Fall 2020 (N=16)	Spr 2021 (N=29)
Organization	100%	100%	100%
Language	100%	100%	96%
Delivery	78%	88%	69%
Supporting Material	93%	100%	100%
Central Message	93%	100%	100%

Interpretation and Conclusion: All learning outcomes were met for fall 2020 and in the spring of 2021 we met all of the learning outcomes for oral communication except “delivery”. This is consistent with the HHP major as well and is most likely linked to completing their oral assignment virtually.

Changes to be made: None at this time.

Rubric Used: AACU oral communication

Learning Outcome #2

Critically evaluate and integrate new information into professional practice to solve relevant health care concerns.

Criteria for success: 80% of students will score 3 or higher on the AACU written communication rubric

Signature Assignment: Quantitative Literacy Lab Write Up

Course: KIN 3040L

Aligned with DQP Learning Areas:

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

Quantitative Literacy	% of students achieving “3” or higher			
	Fall 2019 (N=0)	Spr 2020 (N=32)	Fall 2020 (N=19)	Spr 2021 (N=19)
Interpretation	NC	90%	84%	94%
Representation	NC	90%	89%	100%
Calculation	NC	92%	68%	89%
Application	NC	79%	79%	79%
Assumptions	NC	85%	84%	94%
Communication	NC	92%	84%	100%

*NC- not collected. Data was not collected for this outcome measure in this semester.

Interpretation and conclusion: The consistent trend in the data for this major is in the area of application, the ability to make judgements and draw appropriate conclusions, they were very close to meeting the 80% criteria. As explained in the HHP major outcomes, this is a lab-based class where students are typically hands on learning the skills they are being asked to calculate, apply and make assumptions about. Since the students in the fall and many of the students in the spring did not have the opportunity to learn in the lab, they may not have been able to connect to the data set and apply the information as well.

Changes to be made: No changes to be made.

Rubric Used: AACU Quantitative Literacy Rubric

Learning Outcome #3

Describe the mechanisms (i.e. metabolic, physiologic, biomechanical, and developmental) by which physical activity aids in health care settings.

Criteria for success: 80% of students will score 3 or better on the information literacy, critical thinking and written communication AACU rubrics

Signature Assignment: Concept Mapping and paper

Course: KIN 3040

Aligned with DQP Learning Areas:

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

Information Literacy	% of students achieving “3” or higher			
	Fall 2019 (N=21)	Spr 2020 (N=33)	Fall 2020 (N=19)	SPR 2021 (N=18)
Extent	95%	72%	79%	94%
Access	95%	82%	84%	100%
Evaluate	90%	82%	63%	78%
Use	86%	70%	63%	78%
Ethics	100%	88%	79%	89%
Critical thinking				
Explain	95%	82%	84%	94%
Evidence	86%	79%	79%	83%
Assumptions	100%	91%	89%	100%
Position	100%	94%	100%	100%
Conclusions	100%	70%	79%	94%
Written Rubric				
Purpose	90%	72%	79%	78%
Content	90%	82%	79%	89%
Conventions	100%	82%	89%	94%
Sources	90%	88%	84%	94%
Syntax	100%	93%	89%	100%

Interpretation and Conclusion: In general, scores across all three measurement tools were lowest in the fall when compared to the spring 2021 data. This is most likely due to the mode of delivery in the fall. Overall, our students struggled to meet the criteria for information literacy, this is evidenced by the low scores when compared to fall 19, spring 20 and 21 semesters. Improvements were observed in the critical thinking criteria when comparing the fall to the spring semester, again these changes most likely occurred as a result of the change to teaching modality. This hypothesis is supported by the lower scores on the critical thinking rubric in spring of 2020 when we first began our remote teaching. Within the written communication rubric, we did not meet the criteria for the purpose and content in the fall, however, we just barely missed our set criteria so we are not too concerned.

Kines: PLO Data –AHS, 2020-21

Changes to be made: None at this time.

Rubric(s) Used: AACU information Literacy, Critical Thinking Rubric and Written Communication

Learning Outcome #4

Demonstrate preparedness to serve others in various health care settings through their selected vocation and calling.

Criteria for success: 70% of students will report a specific role in vocational and other service activities.

Signature Assignment: Vocational Expertise Paper

Course: KIN4095

Aligned with DQP Learning Areas:

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

Written Communication skill	% of students achieving “3” or higher		
	Fall 2019 (N=14)	Fall 2020 (N=16)	Spr 2021 (N=18)
Context/Purpose	100%	100%	78%
Content Development	79%	94%	89%
Genre/Disciplinary Conventions	50%	100%	94%
Sources & Evidence	93%	100%	94%
Syntax & Mechanics	79%	94%	100%

Interpretation and Conclusion: When looking at the data across the three semesters there is an overall trend towards improvement on each criteria within the written rubric. In spring of 2021, we did not meet the criteria for context and purpose however, we were very close (off by 2%).

Changes to be made: No changes need to be made at this time, however, as mentioned in the HHP data we will also be looking at other ways to assess the “demonstrate preparedness” outcome

Rubric Used: AACU written communication

Learning Outcome #4

Demonstrate preparedness to serve others in various health care settings through their selected vocation and calling.

Criteria for success: 70% of alumni will score “2” or above on a 4-point likert scale

Signature Assignment: None

Course: Alumni Survey

Aligned with DQP Learning Areas:

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

Please tell us if your Kinesiology course work enhanced your ability to:	2017 Alumni Survey % of students achieving “2” or higher on 4-point likert scale (N=70)
Communicate effectively in the discipline (i.e. oral presentations, proposals)	81%
Utilize the best current evidence to benefit my clients, patients and the community.	77%
Engagement in service to others from various backgrounds	73%
Integrating compassionate care and Christian faith with my professional practice	80%
A commitment to Christ and His calling	70%

Interpretation and Conclusion: All criteria were met for this outcome.

Changes to be made: No changes need to be made. Our next alumni survey will be sent out in the summer of 2022 and will include specific questions related to the new PLOs we created during program review.

Rubric Used: 4-point likert scale (very much enhanced, much enhanced, enhanced, not enhanced)