

College of Health Sciences
Applied Health Science (AHS)
2019-20

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

Rubric Used: AACU written communication

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

Interpretation and Conclusion:

This is the first semester that the AACU written communication rubric was used. The learning outcome was met.

Changes to be made:

No changes at this time.

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

Rubric Used: AACU oral communication

Oral Communication	% of students achieving “3” or higher	
	Fall 2019 (N=14)	
Organization	100%	
Language	100%	
Delivery	78%	
Supporting Material	93%	
Central Message	93%	

Interpretation and Conclusion:

Four out of the 5 areas were met for this particular learning outcome. Since this was the first time the professor taught this course and used this rubric we will reexamine the “delivery” outcome in the 2020-21 academic school year.

Changes to be made:

None at this time.

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

Rubric Used: AACU Quantitative Literacy Rubric

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

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

Interpretation and conclusion:

Our Applied Health Science majors were able to meet 5 out of the 6 criteria for this particular learning outcome. In the area of application, the ability to make judgements and draw appropriate conclusions- they were very close to meeting the 80% criteria. Overall, our majors are doing well in their ability to take a data set an interpret and apply the information.

Changes to be made:

At this time no changes need to be made. We will continue to collect data on this outcome particularly looking at the application criteria to see if we need to adjust our outcome criteria.

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

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

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

Interpretation and Conclusion:

When looking at the average between the fall and spring semester, our Applied Health Science majors met the criteria for information literacy, critical thinking and written communication.

However, a deeper look at the data reveals lower outcome scores in the spring semester. The reduction in scores in the spring are most likely as a result of having two independent scorers (i.e. two different faculty teaching different sections).

Changes to be made:

For spring 2021 we will need to have both professors recalibrate to ensure they are using similar criteria when scoring.

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

Rubric Used: AACU written communication

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

Interpretation and Conclusion:

This was the inaugural semester of KIN 4095 – Kinesiology Capstone. This course is the bookend to our introductory course, KIN 1001 – Orientation to Kinesiology. For fall 19, we did not meet the criteria for content development, genre/disciplinary conventions and syntax/mechanics. This is actually consistent with the fall 19 and spring 20 core competency data. Since this is the first semester of the course and the first time the professor teaching this course used the rubric, it is too soon to draw conclusions.

Changes to be made:

At this stage it is too early to see if changes need to be made since this is the first semester that we used the written communication rubric in this course. If the trend towards not meeting the criteria for content/development continues then maybe we consider whether or not these criteria are too high. We may also consider having the professor calibrating with the assessment coordinator of the department.