

College of Health Science
Undergraduate Kinesiology
Health and Human Performance (HHP)
2021-2022

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	% of students achieving “3” or higher		
	Fall 2019 (N=15)	Fall 2020 (N=14)	Fall 2021 (N=26)
Context/Purpose	87%	79%	100%
Content Development	40%	55%	96%
Genre/Disciplinary Conventions	47%	63%	100%
Sources & Evidence	80%	63%	100%
Syntax & Mechanics	73%	63%	96%

Interpretation and Conclusion: We met the learning outcome for fall of 2021.

Changes to be made: None 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=12)	Fall 2020 (N=6)	Spring 2021 (N=9)	Fall 2021 (N=12)	Spring 2022 (N=14)
Organization	100%	100%	100%	100%	100%
Language	100%	75%	100%	100%	86%
Delivery	83%	75%	67%	64%	93%
Supporting Material	100%	100%	100%	100%	100%
Central Message	100%	75%	100%	82%	100%

Interpretation and Conclusion: We did not meet the criteria for the delivery outcome within the oral communication rubric in the fall of 2021. This finding is very similar to our results in spring 2021 because our students were still turning in virtual speeches. After recognizing the trend in low scores within this particular outcome the professor of the course placed more emphasis on how important it was to be well articulated and professional during a video presentation. Based on the increase in the percent of students who met the criteria for the spring semester these instructions appeared to be helpful.

Changes to be made: None at this time. We have recommended that the professor continue to give very detailed instructions and expectations.

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 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=15)	Fall 2020 (N=8)	Spr 2021 (N=7)	Fall 2021 (N=9)	Spr 2022 (N=6)
Interpretation	NC	93%	88%	86%	92%	100%
Representation	NC	93%	88%	86%	92%	83%
Calculation	NC	93%	50%	57%	92%	100%
Application	NC	87%	38%	71%	79%	100%
Assumptions	NC	93%	63%	86%	100%	100%
Communication	NC	93%	88%	86%	100%	100%

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

Interpretation and conclusion: Data from the fall of 2021 was consistent with the data trends in spring of 2021, we did not meet the criteria for the application category. The application category requires students to make judgements and draw appropriate conclusions based on the results. This has been difficult for our students to do since we started collecting this data in 2019. A brief discussion with the professor of that course revealed that students may not be as passionate about working with quantitative data and may not be able to connect with the data as well. In spring of 2022 however, we met the application learning outcome!

Changes to be made: In August, we will meet with the professor of this course to figure out a way to help students connect with the data they are collecting. This might include things like having students work with a sample data set in class and discussing the applications in class prior to working on the final assignment.

Rubric Used: AACU Quantitative Literacy Rubric

Learning Outcome #3

Assess fitness and human movement to determine risk for injury and develop programs to improve human performance.

Criteria for success: 80% of students will score 3 or higher on the Movement Analysis Video Rubric

Signature Assignment: Movement Analysis Video

Course: KIN 3027

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

Movement Analysis	Fall 2019 (N=13)	Spr 2020 (N=7)	Fall 2020 (N=15)	Spr 2021 (N=6)	Fall 2021 (N=11)	Spr 2022 (N=5)
Format	100%	100%	100%	100%	100%	100%
Description of Lab	100%	100%	100%	100%	91%	80%
Graphs, Tables, Figures	100%	100%	79%	100%	100%	80%
Conclusions	100%	100%	100%	100%	100%	80%
Methods	100%	100%	100%	100%	100%	80%
Results: Gait Analysis	100%	100%	100%	100%	90%	80%
Results: Jumping Analysis	100%	100%	86%	83%	73%	80%
s	100%	100%	86%	83%	100%	100%

Movement Analysis Rubric

Format	Full Marks (5 points)/(2 Points)	Partial (3 points)/(1 Point)	No Marks (0 points)	
Description of Lab	Full Marks (5 points)/(3 Points)	Partial (3 points)/(1.5 Points)	No Marks (0 points)	
Graphs, Tables, Figures	Excellent (5 points)/(2 points)	Average (3 points)/(1 point)	No Marks (0 points)	
Conclusions	Detailed (5 points)/(3 points)	Average (3 points)/(2 points)	No Marks (0 points)	
Methods	Detailed Descriptions (10 points)/(5 points)	Good (7 points)/(3.5 points)	Average (5 points)/(2.5 points)	No Marks (0 points)
Results: Gait Analysis	Detailed Descriptions of kinematics (10 points)/(5 points)	Good Descriptions (7 points)/(4 points)	Average (5 points)/(2.5 points)	No Marks (0 points)
Results: Jumping Analysis	Detailed Descriptions of kinematics (10 points)/(5 points)	Good Descriptions (7 points)/(4 points)	Average (5 points)/(2.5 points)	No Marks (0 points)

Interpretations	Detailed and well written (10 points)/(5 points)	Good (7 points)/(4 points)	Average (5 points)/(2.5 points)	No Marks (0 points)
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Interpretation and conclusion: In the fall of 2021 we did not meet the jumping analysis results criteria, however in the spring of 2022 we did. For this particular course and outcome, the number of students is relatively low, an in-depth analysis reveals that three students did not meet the criteria for this category. We will continue to monitor this category, however, since we started collecting this data in the fall of 2019 we have been pretty strong in this area.

Changes to be made: No current changes to be made.

Rubric Used: Movement Analysis Video Rubric

Learning Outcome #4

Describe the mechanisms (i.e. metabolic, physiologic, biomechanical, and developmental) by which physical activity aids in health promotion, performance enhancement and disease prevention

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

% of students achieving “3” or higher						
Information Literacy	Fall 2019 (N=6)	Spr 2020 (N=14)	Fall 2020 (N=6)	Spr 2021 (N=7)	Fall 2021 (N=10)	Spr 2022 (N=12)
Extent	83%	79%	67%	86%	100%	100%
Access	100%	88%	67%	100%	100%	100%
Evaluate	50%	93%	33%	86%	90%	100%
Use	50%	86%	50%	71%	90%	92%
Ethics	83%	100%	83%	100%	90%	100%
Critical thinking						Spr 2022 (N=11)
Explain	83%	79%	100%	71%	100%	100%
Evidence	67%	100%	83%	71%	90%	91%
Assumptions	100%	100%	100%	86%	100%	100%
Position	100%	100%	100%	100%	100%	100%
Conclusions	67%	93%	100%	100%	100%	91%
Written Rubric						Spr 2022 (N=11)
Purpose	100%	64%	83%	86%	80%	100%
Content	67%	93%	67%	71%	100%	91%
Conventions	100%	93%	100%	86%	100%	100%
Sources	100%	100%	83%	86%	90%	100%
Syntax	100%	88%	100%	86%	100%	91%

Interpretation and Conclusion Information Literacy: All criteria were met for the fall 2021 and spring 2022 semesters.

Interpretation and Conclusion Critical Thinking/Written Communication: All criteria were met for the fall 2021 and spring 2022 semesters.

Changes to be made: None at this time.

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

Learning Outcome #5

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

Criteria for success: 80% of students will score a 3 or above on the written communication rubric.

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=6)	Spring 2021 (N=10)	Fall 2021 (N=12)	Spring 2022 (N=13)
Context/Purpose	100%	83%	90%	83%	100%
Content Development	79%	83%	90%	100%	100%
Genre/Disciplinary Conventions	50%	67%	90%	100%	100%
Sources & Evidence	93%	100%	80%	92%	85%
Syntax & Mechanics	79%	83%	90%	92%	85%

Interpretation and Conclusion: All criteria were met for the fall 2021 and spring 2022 semesters.

Changes to be made: None at this time.

Rubric Used: AACU written communication

Learning Outcome #5

Demonstrate preparedness to serve others in various fitness or 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: Alumni Survey

Course: 2017 Alumni Survey (data reflective of our EXS major, now known as HHP)

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=17)
Communicate effectively in the discipline (i.e. oral presentations, proposals)	88%
Utilize the best current evidence to benefit my clients, patients and the community.	88%
Engagement in service to others from various backgrounds	70%
Integrating compassionate care and Christian faith with my professional practice	82%
A commitment to Christ and His calling	70%
Think logically and critically	94%
Appreciation for the health consequences associated with inactivity	88%

Interpretation and Conclusion: This data is extremely exciting and is a positive reflection of how our department is intentional about ensuring our students gain exposure to the skills they will use in their vocation. We met the criteria for all outcome measures. The n for this major was relatively small so we will continue to look closely at the results of the new alumni survey data when we get those back in the summer.

Changes to be made: No changes at this time. The alumni survey will be sent in June of 2022.

Rubric Used: No rubric was used