

**College of Health Science**  
**Undergraduate Kinesiology**  
Health and Human Performance (HHP)  
2022-2023

**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 oral 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						
	Fa 2019 (N=12)	Fa 2020 (N=6)	Spr 2021 (N=9)	Fa 2021 (N=12)	Spr 2022 (N=14)	Fa 2022 (N= 14)	Spr 2023 (N=9)
Organization	100%	100%	100%	100%	100%	86%	100%
Language	100%	75%	100%	100%	86%	64%	89%
Delivery	83%	75%	67%	64%	93%	57%	78%
Supporting Material	100%	100%	100%	100%	100%	71%	100%
Central Message	100%	75%	100%	82%	100%	86%	89%

**Interpretation and Conclusion:** We did not meet the criteria for the language, delivery or supporting material outcomes in fall of 2022 and delivery in spring of 2023. This finding has been consistent since we shifted from assessing oral presentations in KIN3012 to assessing them in KIN4095. One key difference between the two classes is the format of the speeches. In KIN3012 students were presenting face to face as opposed to creating a virtual presentation in KIN4095. This change in format may be linked to the declines observed particularly in the delivery portion of the rubric.

**Changes to be made:** Consider shifting to face to face presentations which would be a more accurate reflection of a student’s ability to orally present OR discuss ways to improve the online assignment for students in the class.

**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							
	Fa 2019 (N=0)	Spr 2020 (N=15)	Fa 2020 (N=8)	Spr 2021 (N=7)	Fa 2021 (N=9)	Spr 2022 (N=6)	Fa 2022 (N=7)	Spr 2023 (N=8)
Interpretation	NC	93%	88%	86%	92%	100%	100%	100%
Representation	NC	93%	88%	86%	92%	83%	100%	100%
Calculation	NC	93%	50%	57%	92%	100%	57%	88%
Application	NC	87%	38%	71%	79%	100%	86%	88%
Assumptions	NC	93%	63%	86%	100%	100%	100%	100%
Communication	NC	93%	88%	86%	100%	100%	86%	100%

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

**Interpretation and conclusion:** We did not meet the calculation outcome for fall 2022, however all other outcomes were met for the fall and the spring semesters. We are not too concerned with the findings since the sample size was small. When looking at the longitudinal data when the sample is higher we tend to meet the calculation criteria within this major.

**Changes to be made:** Starting Fall of 2023 we have a new FT faculty member who will be taking over these courses with a specific expertise in this area. We are thinking that may help students get more excited about this work.

**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 a 1 or better in areas where the criteria is set to 2, 2 or better in areas where the criteria is set to 3 and a 3 or better in areas where the criteria is set to 5

**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)	Fall 2022 (N=17)	Spr 2023 (N=8)
Format	100%	100%	100%	100%	100%	100%	100%	100%
Description of Lab	100%	100%	100%	100%	91%	80%	94%	100%
Graphs, Tables, Figures	100%	100%	79%	100%	100%	80%	94%	100%
Conclusions	100%	100%	100%	100%	100%	80%	100%	100%
Methods	100%	100%	100%	100%	100%	80%	100%	100%
Results: Gait Analysis	100%	100%	100%	100%	90%	80%	100%	100%
Results: Jumping Analysis	100%	100%	86%	83%	73%	80%	100%	100%
s	100%	100%	86%	83%	100%	100%	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)

**Interpretation and conclusion:** All criteria were met.

**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)	Fall 2022 (N=7)	Spring 2023 (N=8)
Extent	83%	79%	67%	86%	100%	100%	100%	88%
Access	100%	88%	67%	100%	100%	100%	86%	100%
Evaluate	50%	93%	33%	86%	90%	100%	71%	100%
Use	50%	86%	50%	71%	90%	92%	71%	100%
Ethics	83%	100%	83%	100%	90%	100%	100%	100%
<b>Critical thinking</b>						<b>Spr 2022 (N=11)</b>		
Explain	83%	79%	100%	71%	100%	100%	86%	100%
Evidence	67%	100%	83%	71%	90%	91%	86%	100%
Assumptions	100%	100%	100%	86%	100%	100%	100%	100%
Position	100%	100%	100%	100%	100%	100%	100%	100%
Conclusions	67%	93%	100%	100%	100%	91%	86%	100%
<b>Written Rubric</b>						<b>Spr 2022 (N=11)</b>		
Purpose	100%	64%	83%	86%	80%	100%	86%	75%
Content	67%	93%	67%	71%	100%	91%	86%	100%
Conventions	100%	93%	100%	86%	100%	100%	100%	100%
Sources	100%	100%	83%	86%	90%	100%	100%	100%
Syntax	100%	88%	100%	86%	100%	91%	100%	100%

**Interpretation and Conclusion Information Literacy:** Considering the small sample size for both the fall and the spring it is no surprise that we did not meet all of the outcomes. For example, if two students score below the criteria then that placed us at a 71% overall for that outcome. This was in fact the case in the fall of 2022 in the evaluate and use categories.

**Interpretation and Conclusion Critical Thinking/Written Communication:** All criteria met.

**Changes to be made:** None at this time. Consider reducing criteria for success if sample size does not increase.

**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)	Fall 2022 (N=15)	Spring 2023 (N=9)
<b>Context/Purpose</b>	100%	83%	90%	83%	100%	93%	100%
<b>Content Development</b>	79%	83%	90%	100%	100%	67%	89%
<b>Genre/Disciplinary Conventions</b>	50%	67%	90%	100%	100%	60%	78%
<b>Sources &amp; Evidence</b>	93%	100%	80%	92%	85%	100%	78%
<b>Syntax &amp; Mechanics</b>	79%	83%	90%	92%	85%	67%	78%

**Interpretation and Conclusion:** In the fall of 2022 the content development, genre and syntax/mechanics outcomes were not met. Additionally, in the spring of 2023 the sources and evidence, genre and syntax/mechanics outcomes were not met. This is the first time since we started collecting this data that we did not meet the criteria for success in three out of the five outcomes. For the spring semester we had a small sample size but in the fall of 2023 it just appears that students struggled with this core assignment.

**Changes to be made:** Meet with the professor of this course to discuss these results and discuss ways to improve outcomes on this assignment.

**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:	2022 Alumni Survey % of students achieving “2” or higher on 4-point likert scale (N=41)	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)	97%	88%
Utilize the best current evidence to benefit my clients, patients and the community.	97%	88%
Engagement in service to others from various backgrounds	97%	70%
Integrating compassionate care and Christian faith with my professional practice	94%	82%
A commitment to Christ and His calling	97%	70%
Think logically and critically	97%	94%
Appreciation for the health consequences associated with inactivity	97%	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

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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