

# Department of Exercise and Sport Sciences

## Health (undergraduate) Outcomes Assessment Report

AY 2021-2022 and 2022-2023

Contact Person: Dr. Kathy Jenkins, Professor of Exercise Physiology and Department Chair

### Health Undergraduate

(Instructional Degree Program)

### B.A.

(Degree Level)

### **Program Mission:**

The mission of the Department of Exercise and Sport Sciences is to improve the quality of life related to the many aspects of human movement. We concentrate on a full spectrum of human potential, from young to old, fit to unfit, recreational to highly athletic, healthy to diseased, and able-bodied to disabled. Our programs are related to the study of exercise physiology, health, teaching, athletic injuries, recreation, sports administration, and coaching.

### **Student Learning Outcome 1:**

Demonstrate a mastery of content knowledge in their appropriate discipline.

### **NMHU Traits Specifically Linked to Student Learning Outcome 1**

- Mastery of Content Knowledge and Skills

### **First Means of Assessment for Outcome 1:**

A majority of graduating students receive a GPA of 3.0 or above in HPS major coursework. While GPA is not our typical “means” for assessing our program outcomes, we use GPA in this instance as a benchmark for our own internal assessments of students’ overall exit performance from our program. This program includes emphasis areas in exercise science, recreation management, and physical education.

### **Summary of Data:**

|                                       |      |   |         |
|---------------------------------------|------|---|---------|
| Number of Students Meeting Criterion: | 8/5  | Number of Students Not Meeting Criterion: | 2/2     |
| Total Number of Students Assessed:    | 10/7 | Percent of Students Meeting Criterion:    | 80%/71% |

### **Interpretation of Results for Outcome 1:**

For AY 2021-22 and 2022-2023, 80% and 71% of students met this SLO. The average GPA for both years was 3.22 and 3.10, respectively. Amazingly, the percentage of students meeting this criterion is higher than in our last OA cycle. Previously, only 69% of students met this criterion. This may be attributed to our department's use of the Writing Center, in helping students meet the requirements of their Health courses. Additionally, it appears that COVID did not affect the majority of students in our health courses during this time period, as the GPA was slightly higher for graduate health students. We will continue to monitor this SLO in the future.

**Student Learning Outcome 2:**

Demonstrate the ability to use technology to enhance professional productivity.

**NMHU Traits Specifically Linked to Student Learning Outcome 2**

- Effective Use of Technology

**First Means of Assessment for Outcome 2:**

1) A majority of students in EXSC 4100 Measurement and Evaluation will successfully complete their final research project with an 80% or above. This project uses excel and SPSS analysis software.

**Summary of Data**

|                                       |      |   |        |
|---------------------------------------|------|---|--------|
| Number of Students Meeting Criterion: | 0/10 | Number of Students Not Meeting Criterion: | 9/10   |
| Total Number of Students Assessed:    | 9/20 | Percent of Students Meeting Criterion:    | 0%/50% |

**Missing data:** The tenure track faculty member teaching Measurement and Evaluation last year resigned prior to the start of the fall 2023 semester. Although the Department Chair gained access to his courses and gradebook on BrightSpace, there were no data available for this criterion, as the faculty member did not use the gradebook on BrightSpace. Therefore, only limited data was available. Normally, this course is taught every semester.

**Interpretation of Results for Outcome 2:**

The success of students in demonstrating the use of technology is very low compared with past OA reports. This was surprising to the department faculty, as it dramatically showed the impact of COVID on this criterion. In the previous OA year, 58% of students met this criterion. However, further analysis of our data revealed, that while the majority of students did not receive an 80% or better, they did receive a 70% or better on their project in this course. Additionally, 5 students did not turn the project in. We are still

pleased with our outcome results. Because department faculty participate in Early Alert and record last date of attendance on our final grade reports, we feel that no changes are necessary at this time. We will continue to mentor faculty on the use of Early Alert and recording the last date of attendance during the final grade process.

**Student Learning Outcome 3:**

Demonstrate effective interpersonal communication skills.

**NMHU Traits Specifically Linked to Student Learning Outcome 3**

- Effective Communication Skills

**First Means of Assessment for Outcome 3:**

1) A majority of students in HLED 1130 Concepts of Health and Wellness received an average of 80% or above on their final PowerPoint presentation.

**Summary of Data**

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| Number of Students Meeting Criterion: | 0 | Number of Students Not Meeting Criterion: | 0 |
| Total Number of Students Assessed:    | 0 | Percent of Students Meeting Criterion:    | 0 |

**Missing data:** Two tenure track faculty members teaching Health during this time period resigned. Although the Department Chair gained access to these courses and gradebook on BrightSpace, there were no data available for this criterion, as the faculty member did not use the gradebook on BrightSpace. Therefore, this criterion cannot be measured.

**Interpretation of Results for Outcome 3:**

Analysis of students graduating in Health during this time period indicate that students did well on this overall in their Health program and this criterion. Also, the department requests that students visit the Writing Center to help with writing content of their assignments. We may need to update this SLO in our next cycle, as new faculty are hired to teach these courses. We need to ensure that a PowerPoint will still be required for the final presentation.

**Student Learning Outcome 4:**

Demonstrate critical and reflective practices.

**NMHU Traits Specifically Linked to Student Learning Outcome 4**

- Critical and Reflective Thinking

**First Means of Assessment for Outcome 4:**

1) A majority of students in HLED 4020 US Mexico Border Health, receive an 80% or above on both exams.

**Summary of Data**

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| Number of Students Meeting Criterion: | 0 | Number of Students Not Meeting Criterion: | 0 |
| Total Number of Students Assessed:    | 0 | Percent of Students Meeting Criterion:    | 0 |

**Missing data:** Two tenure track faculty members teaching Health during this time period resigned. Although the Department Chair gained access to these courses and gradebook on BrightSpace, there were no data available for this criterion, as the faculty member did not use the gradebook on BrightSpace. Therefore, this criterion cannot be measured.

**Interpretation of Results for Outcome 4:**

Analysis of students graduating in Health during this time period indicate that students did well on this overall in their Health program and probably on this criterion. Also, the department requests that students visit the Writing Center to help with writing content of their assignments. We may need to update this SLO in our next cycle, as new faculty are hired to teach these courses. We need to ensure that exams are still used in this course in the future. Last OA cycle, only 47% of students met this SLO. We believe that hiring another Health faculty member will help stabilize this program and provide more structure for our HLED 4020 course.