



<i>Program Name</i>	<i>Date Completed</i>
Athletic Training, M.S.	5/22/25
<i>Report Completed By</i>	<i>Report Contributors</i>
Mary Placzkowski	Roger Clark Colleen Conroy Laura Clark
<i>Brief Statement of Program Mission and Goals</i>	
<p><u>Mission</u> <i>The mission of the Colorado State University-Pueblo Athletic Training Program is to serve a culturally and ethnically diverse graduate student population in providing an affordable, comprehensive educational experience and a transformative clinical foundation preparing the graduate student to enter the health care profession of athletic training.</i></p> <p><u>Goals</u></p> <ol style="list-style-type: none"><i>1. Demonstrate competency and proficiency of the KSA's within the domains of athletic training.</i><i>2. Demonstrate cultural competence and inter-professional collaboration within the health care community.</i><i>3. Demonstrate evidence-based clinical practice.</i><i>4. Engage in the athletic training profession.</i>	

Table I Closing the Loop

Report on at least one data-informed change to your curriculum during AY 2024-2025 that was implemented to improve student learning, in response to prior assessments or other data.

<i>A. Describe issues or SLOs addressed in the AY 2024-2025 cycle. Paste SLOs verbatim below.</i>
<p><i>GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.</i></p> <p><i>a. Objective 1.1: Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards</i></p>



B. In which academic year and semester was this SLO last assessed to generate data that informed the change(s)?

Spring 2023, 2024, and 2025

C. What were the recommendations for change in the previous cycle? (See Column H in the previous cycle's report.)

Curricular changes go into effect for the upcoming 2024-2025 academic year. Performance of students in Spring 2026 classes will determine effectiveness of these changes. The program has purchased test prep materials for each student at the beginning of course. For the Spring 2025 students, these materials have been made available in May 2024. Program will look at the assessment of accreditation curricular standards that are assigned per course for areas needing improvement.

D. How were the recommendations for change acted upon?

AT Study Buddy was purchased as supplemental material for AT 551. An annual membership was purchased for each student at the beginning of the May 2024 and renewed for a month for students planning to take the certification exam in May/June window.

E. How did the change(s) impact student learning? If the change was not effective, what are the next steps or new recommendations?

4/5 students (80%) scored higher than 70% on the exam and 70% or higher within each domain. The one student that did not hit 70% on the exam scored 68.6% on the exam and was above 70% in 3/5 domains. This is an improvement to last year when we only had 2 out of 5 (40%) scored 70% or higher each domain, and in 2023 when 4/9 (44%) met this benchmark. This has significantly improved since last year and the year before demonstrating that the addition of AT Study Buddy has been beneficial for our students. We will continue to evaluate until this benchmark is met for 2 consecutive years.

Enter Table I Closing the Loop Comments Below



What SLO(s) or other issues did you address in this cycle?

GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training. Objective 1.1: Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards

When was this SLO last assessed to generate the data which informed the change? Please indicate the semester and year.

Spring 2023, 2024, and 2025

What were the recommendations for change from the previous assessment column H and/or feedback?

Curricular changes go into effect for the upcoming 2024-2025 academic year. Performance of students in Spring 2026 classes will determine effectiveness of these changes. Program has purchased test prep materials for each student at the beginning of course. For the Spring 2025 students, these materials have been made available in May 2024. Program will look at the assessment of accreditation curricular standards that are assigned per course for areas needing improvement.

How were the recommendations for change acted upon?

AT Study Buddy was purchased as supplemental material for AT 551. All test prep materials were purchased for each student at the beginning of the Spring 2025 Semester. For the Students with an anticipated graduation date of Spring 2026 these materials will be available starting May 2025.

What were the results of the changes? If the changes were not effective, what are the next steps or the new recommendations?

4/5 students (80%) scored higher than 70% on the exam and 70% or higher within each domain. The one student that did not hit 70% on the exam scored 68.6% on the exam and was above 70% in 3/5 domains. This is an improvement to last year when we only had 2 out of 5 (40%) scored 70% or higher each domain, and in 2023 when 4/9 (44%) met this benchmark. This has significantly improved since last year and the year before demonstrating that the addition of AT Study Buddy has been beneficial for our students. We will continue to evaluate until this benchmark is met for 2 consecutive years.



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Table II Annual assessment of Student Learning Outcomes (SLOs) in AY 2024-25

1. Include information to share assessment processes, results, and recommendations for improved student learning. Copy this table for each assessed outcome.

<i>A. Program SLO assessed in this cycle. Copy the SLOs verbatim from the assessment plan.</i>
<ol style="list-style-type: none">1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.<ol style="list-style-type: none">a. Objective 1.1: Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standardsb. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develop student autonomy and professional readiness2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.<ol style="list-style-type: none">a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community.3. GOAL #3: Demonstrate evidence- based clinical practice<ol style="list-style-type: none">a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes.4. GOAL #4: Engage in the athletic training profession.<ol style="list-style-type: none">a. Objective 4.2 Students will seek continued professional growth in the athletic training profession.



B. Semester and year this SLO was reported on prior to this cycle.

1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.
 - a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards: Spring 2025
 - b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develop student autonomy and professional readiness: Spring 2025
2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.
 - a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community: Fall 2024 (AT 540), Spring 2025 (AT 550)
3. GOAL #3: Demonstrate evidence- based clinical practice
 - a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes: Spring 2025 (AT 592)
4. GOAL #4: Engage in the athletic training profession.
 - a. Objective 4.2 Students will seek continued professional growth in the athletic training profession: Spring 2023, 2024, and 2025

C. Describe the assessment method for this SLO.

1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.
 - a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:
 1. *Method used to assess the standard: AT 551 Practice Exam*
 - b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:
 1. *Method used to assess the standard: AT 550 Clinical Preceptor Evaluation of student*
2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.



<ul style="list-style-type: none">a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:<ul style="list-style-type: none">1. <i>Method used to assess the standard: AT 540 and AT 550 Student Evaluation of Clinical sites</i>3. GOAL #3: Demonstrate evidence- based clinical practice<ul style="list-style-type: none">a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:<ul style="list-style-type: none">1. <i>Method used to assess the standard: Masters' Research Project will demonstrate the use of EBP concepts and process in the design, conducting, and final written project. See Attached Rubrics</i>4. GOAL #4: Engage in the athletic training profession.<ul style="list-style-type: none">a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:<ul style="list-style-type: none">1. <i>Method used to assess the standard: 3 year aggregate graduation rate</i>
<i>D. Described student group(s) assessed. Provide the number of students or number of artifacts assessed.</i>
<ul style="list-style-type: none">1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.<ul style="list-style-type: none">a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:<ul style="list-style-type: none">1. <i>Number of students Assessed: N = 5 students (AT 551)</i>b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:<ul style="list-style-type: none">1. <i>Number of students Assessed: N = 5 students (AT 550)</i>2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.<ul style="list-style-type: none">a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:<ul style="list-style-type: none">1. <i>Number of students Assessed: N= 5 students per class with 2 classes addressed (AT 540 and AT 550)</i>3. GOAL #3: Demonstrate evidence- based clinical practice



- b. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:

- 1. *Number of students Assessed: N= 5 students per assignment with 2 assignments assessed (AT 592)*

- 4. GOAL #4: Engage in the athletic training profession.

- a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:

- 1. *Number of students Assessed: (3 year aggregate graduation rate) 2023 cohort N= 9, 2024 cohort N= 5, and 2025 cohort N= 5*

E. Expected proficiency level and proportion of students who should reach this level.

- 1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.

- a. Objective 1.1 Provide students with comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:

- 1. *Proficiency Level: All graduate students (final semester) enrolled in AT 551 will score above a 70% averaged score on BOC Prep Test final exam and score above 70% in each domain area.*

- b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:

- 1. *Proficiency Level: 90% of students in their final semester of immersion clinical experience will receive a preceptor evaluation score rating of 80% or higher.*

- 2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.

- a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:

- 1. *Proficiency Level: Student Evaluation of Clinical sites for AT 540 & AT 550 are rated at an 80% or higher*

- 3. GOAL #3: Demonstrate evidence- based clinical practice

- a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:



1. *Proficiency Level: 90% of students through their Masters' Research Project will demonstrate the use of EBP concepts and process in the design, conducting, and final written project.*

5. GOAL #4: Engage in the athletic training profession.
 - a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:
 1. *Proficiency Level: Using a 3-year aggregate evaluation, the AT Master's degree program graduation rate will be at 90% or higher (using a 3 yr. matriculation timeline).*

F. Assessment results and number of students who met proficiency level.

1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.
 - a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:
 1. *Results: 4/5 students (80%) scored higher than 70% on the exam and 70% or higher within each domain. The one student that did not hit 70% on the exam scored 68.6% on the exam and was above 70% in 3/5 domains.*
 - b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:
 1. *Results: AT 540 and AT 550 4/5 of students received an 80% or higher on their preceptor's evaluation of student. Benchmark was met.*
2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.
 - a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:
 1. *Results:*
 - a. *AT 540 4/5 students rated their clinical sites at 80% or higher.*
 - b. *AT 550 5/5 students rated their clinical sites at 80% or higher.*
3. GOAL #3: Demonstrate evidence- based clinical practice
 - a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:
 1. *Results:*

- a. *Literature Review: 5/5 students demonstrated EBP concepts and 5/5 passed this assignment. Students needed to score Good (6/10) or better in the body sections; Depth and Breadth of Research and Analysis to show the EBP component was met.*
- b. *Research Presentation Rubric: 5/5 students demonstrated EBP concepts and 5/5 passes assignment. Students needed to score "Competence" (7/10) or better in the following; Clinical Scenario and Focused Question, Methods, Discussion, and Summary of search, and Implications for Practice, Education, and Future Research to show the EBP component was met.*

4. GOAL #4: Engage in the athletic training profession.

- a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:
 1. *Results:*
 - a. 2023: N=9
 - b. 2024: N=5* (see next section for "*" explanation)
 - c. 2025: N=5

G. Describe what results indicate about student performance.

1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.
 - a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:
 1. *This is an improvement to last year when we only had 2 out of 5 (40%) scored 70% or higher each domain, and in 2023 when 4/9 (44%) met this benchmark. This has significantly improved since last year and the year before demonstrating that the addition of AT Study Buddy has been beneficial for our students.*
 - b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:
 1. *Based on this only one student did not meet the benchmark of 80%. The same student did not meet the benchmarks in At 540 AND at 550. However, there was improvement from AT 540 from midterm, 60% to the final evaluation 72%. Also, this student showed strong improvements in AT 550 at the mid evaluation demonstrating above benchmark score of 85%. Unfortunately, this did not sustain throughout the second half of the semester as the final evaluation*



was below the benchmark with 75% for this individual. As this was one student and progress was made throughout AT 540 and into AT 550, it was a unique case and the primary factor was final project in school and improper planning.

2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.
 - a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:
 1. *Based on these only one student stated that a clinical site did not meet the benchmark. However, this site was evaluated by 4 other students and exceeded 80% benchmark suggesting this was unique to the student experience more than the clinical site.*
3. GOAL #3: Demonstrate evidence- based clinical practice
 - a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:
 1. *Although 100% passed the assignment there is room for growth as 80% demonstrated competency within the assignments. Area of improvement could be made around flexibility of meeting as the one student that did not meet the benchmark was the same student that rescheduled or missed weekly meeting the most when compared to peers. The impact of these meetings has shown to be impactful for reaching the desired benchmark.*
4. GOAL #4: Engage in the athletic training profession.
 - a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:
 1. *Benchmark was met. In the last 3 years only one student* didn't graduate. *This one student received two incompletes in their Spring 2024 classes. Student in progress to complete courses and graduate Spring 2025. Benchmark will still be met if this student doesn't complete the required work.*

H. Describe program level changes/improvements planned for AY 2025-2025 informed by this assessment.

1. GOAL #1: Demonstrate competency and proficiency of the KSA's within the domains of athletic training.



<p>a. Objective 1.1 Provide students comprehensive coursework to meet educational competencies aligned with the Athletic Training Professional Standards:</p> <p>1. <i>In addition to purchasing AT Study Buddy for next cohort AT 551 will also include reflections on each practice test, individualized study goal setting, an individualized study plan that each student will make based on their needs, and implementing additional review activities for each domain. We will continue to evaluate until this benchmark is met for 2 consecutive years.</i></p> <p>b. Objective 1.2 Integrate comprehensive clinical experiences into the curriculum that develops student autonomy and professional readiness:</p> <p>1. <i>No changes will be made at this time.</i></p> <p>2. GOAL #2: Demonstrate cultural competence and inter- professional collaboration within the health care community.</p> <p>a. Objective 2.1 Students will have effective clinical exposure, with a variety of medical and healthcare providers, providing breadth of understanding of the healthcare community:</p> <p>1. <i>The Coordinator of Clinical Education will continue to share this data with the clinical sites/clinical preceptors and develop strategies to improve outcomes per each clinical site. Program will discuss potential overall changes needed to improve the outcomes for all clinical sites.</i></p> <p>3. GOAL #3: Demonstrate evidence- based clinical practice</p> <p>a. Objective 3.1 Students will be able to conduct research, review evidence, and formulate plans for positive patient outcomes:</p> <p>1. <i>No changes will be made.</i></p> <p>4. GOAL #4: Engage in the athletic training profession.</p> <p>a. Objective 4.2 Students will seek continued professional growth in the athletic training profession:</p> <p>1. <i>No changes will be made.</i></p>
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Enter Table II AY 2025 Assessment Comments Below

What SLO(s) or other issues did you address in this cycle?

In addition to this assessment our department is preparing for re-accreditation that starts Summer 2025. The Self-study is the first step in a 2 year cycle for re-accreditation where we need to reflect and show how we are addressing our standards through clinical or didactical measures. With the new curricular changes that went into effect Summer of 2024 we have also reassessed all classes based on CAATE standards. We are taking preventative measures to ensure all standards have been addressed and appropriately assigned to each course.

**Colorado State University Pueblo
Master of Science in Athletic Training
AT 592-Research Presentation Rubric**

Student Name: _____ **Date:** _____

Research Title: _____

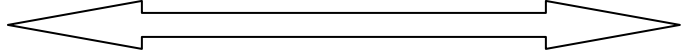
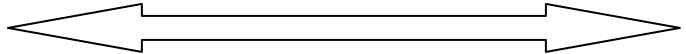
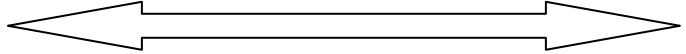
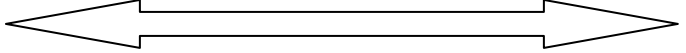
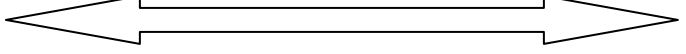
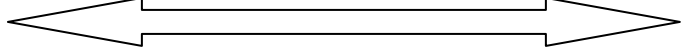
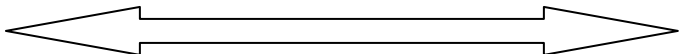
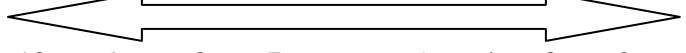
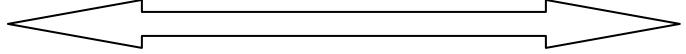
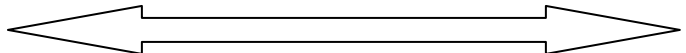
Mechanical Review (Absence or inadequacy of any of these items disqualifies completion)				Rank on Scale from 1 to 10 (1 = incompetence; 7 = Competence; 10 = Excellent)							
Clinical Scenario & Focused Clinical Question: <ul style="list-style-type: none">Incompetence - Fails to provide relevance to existing bodies of knowledge; rationale for evidence-based inquiry is absent or weak.Competence - Adequately provides relevance to existing bodies of knowledge; rationale for evidence-based inquiry is supported.Excellent - Provides significant relevance to the existing bodies of knowledge; rationale for evidence-based inquiry is compelling.											
Clinical Bottom Line and Best Evidence: <ul style="list-style-type: none">Incompetence - Weak or inappropriate information related to clinical question is presented.Competence - Appropriate information related to clinical question is presented.Excellent - Expanded scope and relevance related to clinical question is presented.											
Methods, Discussion, and Summary of Search <ul style="list-style-type: none">Incompetence - Confused presentation of research procedures; lacks evidence in support of clinical question; lack of appropriate citationsCompetence - Appropriate presentation of research procedures; organization of evidence and analysis is generally clear but may contain flaws, appropriate citationsExcellent - Exceptional presentation of research procedures; indication of the relative importance of components of the evidence presented; substantial citations.											
Implications for Practice, Education, and Future Research: <ul style="list-style-type: none">Incompetence - The project only addresses an issue that has very limited scientific and translational value and only produces some incremental information.Competence - The project addresses an important scientific issue and has the possibility to fill existing knowledge, technical, or clinical practice gap in a particular field.Excellent - The project addresses an important clinical practice issue with high translational potential; The findings from the study are expected to fill the existing knowledge, technical, or clinical practice gap and have a high probability of changing the existing paradigms.											
Overall Quality Presentation/Demonstrates Ability to Synthesize Information Creatively: <ul style="list-style-type: none">Incompetence - Confused presentation of information, evidence and verbal answers in support of research project.Competence - Organized presentation of information and evidence, verbal answers are generally clear in supporting the research project.Excellent - Exceptionally presentation of information and evidence, verbal answers are thoroughly articulated in supporting the research project.											
Final Total Score: /50		Final Average Score: /10				PASS		FAIL			
Committee Member:		Committee Member Signature:									

*** MUST HAVE AN AVERAGE OF 7.3 (73%) TO PASS***

**** MODIFIED FROM THE UNIVERSITY OF NORTH TEXAS, THE UNIVERSITY OF NEW ORLEANS, AND THE UNIVERSITY OF SOUTH CAROLINA****

Colorado State University Pueblo
Human Health Science and Human Movement
Masters of Science in Athletic Training

Literature Review Rubric Grading Rubric

		Excellent	Good	Fair	Poor	
Introduction: Clear overview of paper, demonstrates importance of topic		 10 9 8 7 6 5 4 3 2 1				
Body	Balanced viewpoint: Objective, balanced view from various perspectives	 10 9 8 7 6 5 4 3 2 1				
	Coherent theme: Each cited study related to the topic and to other studies	 10 9 8 7 6 5 4 3 2 1				
	Depth and breadth of research: Variety of studies and attention to detail about the topic	 10 9 8 7 6 5 4 3 2 1				
	Analysis: Collection of studies analyzed for differences and commonalities about the topic	 10 9 8 7 6 5 4 3 2 1				
Conclusion and Synthesis: Information synthesized and brought to a logical conclusion		 10 9 8 7 6 5 4 3 2 1				
Organization and Alignment: Information logically organized with good flow. Issues threaded throughout paper.		 10 9 8 7 6 5 4 3 2 1				
Mechanics: Correct spelling, punctuation, sentence structure, word usage		 10 9 8 7 6 5 4 3 2 1				
AMA: Correct use of AMA in body of paper		 10 9 8 7 6 5 4 3 2 1				
References: References correctly typed, appropriate number and quality		 10 9 8 7 6 5 4 3 2 1				
Total 90 /100 40 / 50						