



## Program Assessment Report (PAR)

### Athletic Training (ATTR) Baccalaureate Degree

**REPORT PREPARED by: Bower, Rebekah**

**ACADEMIC YEAR COVERED BY THIS REPORT: 2020-2021**

#### I. PROGRAM LEARNING OUTCOMES

STUDENT LEARNING OUTCOMES (SLO) AT students will be competent with the knowledge, skills, and abilities in the eight (8) Professional Knowledge content areas as specified by the NATA Executive Committee for Education's 5th Edition of the Athletic Training Education Competencies CONTENT AREA 1 Evidence based practice CONTENT AREA 2 Prevention and Health Promotion CONTENT AREA 3 Clinical Examination and Diagnosis CONTENT AREA 4 Acute Care of Injury and Illness CONTENT AREA 5 Therapeutic Interventions CONTENT AREA 6 Psychosocial Strategies and Referral CONTENT AREA 7 Healthcare Administration CONTENT AREA 8 Professional Development and Responsibility CLINICAL INTEGRATION PROFICIENCIES (CIPS) AT students will be able to synthesize and integrate knowledge, skills, and clinical decision-making into actual patient care.

#### II. PROCEDURES USED FOR ASSESSMENT

##### A. Direct Assessment

CONTENT AREA 1 Evidence based practice - AT students will be able to recognize the evidence-based practice concepts and their application to sound clinical decision-making and the critical examination of athletic training practice ATR 4630 Content Exam 1, Content Exam 2, Content Exam 3, and Content Exam 4 administered each fall semester. - AT students will use a systematic approach to ask and answer clinically relevant questions that affect patient care by using review and application of existing research evidence Senior Research Project during the third year in the program. CONTENT AREA 2 Prevention and Health Promotion - AT students will be able to develop and implement strategies to prevent the incidence and/or severity of injuries and illnesses and optimize their patients' overall health and quality of life (General Prevention Principles) ATR 4860 Content Tests # 1, 2, & 3 administered each fall semester, ATR 3610 Content Quizzes administered each fall semester, and ATR 3620 Content Quizzes administered each spring semester. - Prevention Strategies and

Procedures ATR 2620 Content Exams #1, #2, #3, #4, #5, ARC CPR/AED/O2 for the PR & HCP Test, and ARC Emergency Response Test administered each spring semester. - Protective Equipment and Prophylactic Procedures ATR 2840 Bracing Practical Final Examination and ATR 2840 Taping/Wrapping Practical Final Examination administered each spring semester. - Fitness/Wellness ATR 3020 Final Presentation completed each spring semester and each summer A term. - General Nutrition Concepts; Weight Management and Body Composition; Disordered Eating and Eating Disorders; Performance Enhancing and Recreational Supplements and Drugs KNH 2620 3-part Nutrition Application Project administered every term. CONTENT AREA 3 Clinical Examination and Diagnosis - AT students will be able to use standard techniques and procedures for the clinical examination of common injuries, conditions, illnesses, and diseases ATR 3840 Practical Final Examination administered at the end of fall semester. ATR 3850 Practical Final Examination administered at the end of spring semester. - AT students will be able to clinical reasoning skills throughout the physical examination process in order to assimilate data, select the appropriate assessment tests, and formulate a differential diagnosis ATR 4620 Mock Scenarios completed throughout the spring semester course. CONTENT AREA 4 Acute Care of Injury and Illness - AT students will be able to identify components of an emergency action plan (EAP) ATR 2620 EAP Evaluation Assignment completed during the 1st week of the spring semester. - AT students will be able to evaluate and manage acute injury/illness situations ATR 2620 Practical Final Examination administered at the end of each spring semester. CONTENT AREA 5 Therapeutic Interventions - AT students will be able to identify appropriate therapeutic exercises in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 4840 Mock Injury Scenarios completed throughout the fall semester course. - AT students will be able to identify appropriate therapeutic modalities in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 3600 Practical Final Examination administered at the end of each spring semester. - AT students will be able to identify appropriate therapeutic medications in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 4820 Content Exams completed throughout each fall semester. - AT students will be able to identify appropriate surgical interventions in order to remediate and prevent impairments and activity restrictions to maximize return to participation ATR 4850 Annotated Bibliography Assignments (3) completed throughout each fall semester. The articles utilized for the Annotated Bibliographies are to reference surgical interventions for the appropriate body part. CONTENT AREA 6 Psychosocial Strategies and Referral - AT students will be able to recognize clients/patients exhibiting abnormal social, emotional, and mental behaviors and will be able to intervene and refer these individuals as necessary ATR 4620 Psychosocial Worksheets and Activities. CONTENT AREA 7 Healthcare Administration - AT students will be able to develop a budget and design an athletic training facility ATR 4610 Budget and Facility Design Project completed by the end of each spring semester. CONTENT AREA 8 Professional Development and Responsibility - AT students will be able to identify the state, district, and national regulatory agencies that impact the athletic training profession ATR 2610 Chapter 1 Quiz administered each fall semester. - AT students will be able to identify the role of the athletic trainer in the broader healthcare system ATR 2610 Chapter 1 Quiz administered each fall semester. CLINICAL INTEGRATION PROFICIENCIES (CIPs) - AT students will be able to synthesize and integrate

knowledge, skills, and clinical decision-making into actual client/patient care  
ATrack™ Evaluation of CIPs in ATR 4870 distributed to each AT student at the  
start of every semester. - .

## **B. Scoring of Student Work**

FOR EVERY LEARNING OUTCOME, THE FACULTY MEMBER TEACHING THE  
COURSE WAS  
RESPONSIBLE FOR THE SCORING/GRADING. BENCHMARKS FOR EACH LEARNING  
OUTCOME ARE

LISTED. CONTENT AREA 1 Evidence based practice - AT students will be able to  
recognize the evidence-based practice concepts and their application to sound  
clinical decision-making and the critical examination of athletic training  
practice ATR 4630 Content Exam 1, Content Exam 2, Content Exam 3, and Content  
Exam 4 administered each fall semester. 80% of AT students will earn a final  
grade of B or better. - AT students will use a systematic approach to ask and  
answer clinically relevant questions that affect patient care by using review  
and application of existing research evidence Senior Research Project during the  
third year in the program. 100% of AT students will successfully complete a  
senior research project and produce a research/scientific poster during their  
third year in the program CONTENT AREA 2 Prevention and Health Promotion - AT  
students will be able to develop and implement strategies to prevent the  
incidence and/or severity of injuries and illnesses and optimize their patients'  
overall health and quality of life (General Prevention Principles) ATR 4860  
Content Tests # 1, 2, & 3 administered each fall semester, ATR 3610 Content  
Quizzes administered each fall semester, and ATR 3620 Content Quizzes  
administered each spring semester. 80% of AT students will earn a grade of B or  
better in ATR 4860. 80% of AT students will earn a grade of B or better on each  
content exam in ATR 3610 and ATR 3620. - Prevention Strategies and Procedures  
ATR 2620 Content Exams #1, #2, #3, #4, #5, ARC CPR/AED/O2 for the PR & HCP Test,  
and ARC Emergency Response Test administered each spring semester. 80% of AT  
students will earn a grade of B or better on each content exam. - Protective  
Equipment and Prophylactic Procedures ATR 2840 Bracing Practical Final  
Examination and ATR 2840 Taping/Wrapping Practical Final Examination  
administered each spring semester. 100% of AT students will earn a grade of B or  
better on the Practical Final Examinations - Fitness/Wellness ATR 3020 Final  
Presentation completed each spring semester and each summer A term. 100% of AT  
students will earn a grade of B or better on the ATR 3020 Final Presentation. -  
General Nutrition Concepts; Weight Management and Body Composition; Disordered  
Eating and Eating Disorders; Performance Enhancing and Recreational Supplements  
and Drugs KNH 2620 3-part Nutrition Application Project administered every term.  
100% of AT students will earn a grade of B or better on the 3-part Nutrition  
Application Project. CONTENT AREA 3 Clinical Examination and Diagnosis - AT  
students will be able to use standard techniques and procedures for the clinical  
examination of common injuries, conditions, illnesses, and diseases ATR 3840  
Practical Final Examination administered at the end of fall semester. ATR 3850  
Practical Final Examination administered at the end of spring semester. 100% of  
AT students will earn a grade of B or better on the Practical Final Examination.

- AT students will be able to clinical reasoning skills throughout the physical examination process in order to assimilate data, select the appropriate assessment tests, and formulate a differential diagnosis ATR 4620 Mock Scenarios completed throughout the spring semester course. 100% of AT students will earn a grade of B or better on the Mock Scenario Rubric. CONTENT AREA 4 Acute Care of Injury and Illness - AT students will be able to identify components of an emergency action plan (EAP) ATR 2620 EAP Evaluation Assignment completed during the 1st week of the spring semester. 100% of AT students will earn a B or better on the EAP Evaluation Assignment Rubric - AT students will be able to evaluate and manage acute injury/illness situations ATR 2620 Practical Final Examination administered at the end of each spring semester. 100% of AT students will earn a B or better on the Practical Final Examination CONTENT AREA 5 Therapeutic Interventions - AT students will be able to identify appropriate therapeutic exercises in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 4840 Mock Injury Scenarios completed throughout the fall semester course. 100% of AT students will earn a grade of B or better on the Mock Injury Scenario Rubric. - AT students will be able to identify appropriate therapeutic modalities in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 3600 Practical Final Examination administered at the end of each spring semester. 100% of AT students will earn a B or better on the Practical Final Examination.

- AT students will be able to identify appropriate therapeutic medications in order to remediate and prevent impairments and activity restrictions to maximize participation ATR 4820 Content Exams completed throughout each fall semester. 80% of AT students will earn a B or better on the Content Examinations - AT students will be able to identify appropriate surgical interventions in order to remediate and prevent impairments and activity restrictions to maximize return to participation ATR 4850 Annotated Bibliography Assignments (3) completed throughout each fall semester. The articles utilized for the Annotated Bibliographies are to reference surgical interventions for the appropriate body part. 80% of AT students will earn a B or better on the Annotated Bibliography Assignments. CONTENT AREA 6 Psychosocial Strategies and Referral - AT students will be able to recognize clients/patients exhibiting abnormal social, emotional, and mental behaviors and will be able to intervene and refer these individuals as necessary ATR 4620 Psychosocial Worksheets and Activities. 100% of AT students will complete 10 out of the 12 worksheets/activities. CONTENT AREA 7 Healthcare Administration - AT students will be able to develop a budget and design an athletic training facility ATR 4610 Budget and Facility Design Project completed by the end of each spring semester. 100% of AT students will earn a B or better on the Budget and Facility Design Project. CONTENT AREA 8 Professional Development and Responsibility - AT students will be able to identify the state, district, and national regulatory agencies that impact the athletic training profession ATR 2610 Chapter 1 Quiz administered each fall semester. 80% of AT students will earn a B or better on the Chapter 1 Quiz. - AT students will be able to identify the role of the athletic trainer in the broader healthcare system ATR 2610 Chapter 1 Quiz administered each fall semester. 80% of AT students will earn a B or better on the Chapter 1 Quiz. CLINICAL INTEGRATION PROFICIENCIES (CIPs) - AT students will be able to synthesize and integrate knowledge, skills, and clinical decision-making into actual client/patient care ATrack™ Evaluation of CIPs in ATR 4870 distributed to each AT student at the start of every semester. 100% of AT students will

complete the CIPs by the end of their clinical experiences at WSU with an actual client/patient or, only when appropriate, a simulated scenario.

### **C. Indirect Assessment**

We administer an Exit Survey during the AT students' final semester in ATR 4620 Advanced Athletic Training. In addition, we administer an Alumni Survey during the early summer 1 year after graduation. Both of these surveys reference the learning outcomes in terms of our accreditation standards.

## **III. ASSESSMENT RESULTS/INFORMATION:**

Overall the learning outcomes established for 2020-2021 we met with just one exception Under Content Area 1 Evidence Based Practice, 2nd outcome, 100% of the students completed a senior research project. We removed the measure to have students present their project because the avenue to do this no longer exists at the university level.

We do not have time to summarize our data in terms of percentages, means, medians. We do, however, meet as a faculty, just 3 of us, at the end of each spring semester to review all the data and make decisions related to the results (see analysis in next column). A solution would be to hire an administrative assistant just for the program, as required by our accrediting body, but this has never occurred in the history of the program. However, I am sure that is not an option at this point financially.

Analysis relative to the learning outcomes listed in the Assessment Column  
Content Area 1 Due to lack of departmental funds, remove the benchmark of producing a poster for next year's assessment plan. Content Area 2 The first 2 tests always seem to cause difficulty, even with additional review this year. One student was contemplating leaving the program at the start of the semester, made his decision midway through the semester, and pretty much "checked out" until faculty member met with him and discussed the impact on his GPA (note increase in scores at end of fall semester). First 2 exams pretty much back-to-back and all 3 students who did not achieve 80% scored 78% so very close. No other action needed as scores increased from that point forward. Content Area 3 Could not formally assess, however, faculty member met with the students in August before clinical rotations started to review the practical skills in a "mock exam" format. Content Area 5 Same as area 3 above.

## **IV. ACTIONS TO IMPROVE STUDENT LEARNING**

We are required by our accrediting body to post our annual program assessment results online for all stakeholders to view. It can be found here <https://education-human-services.wright.edu/kinesiology-and-health/bachelor-of-science-in-athletic-training>. In addition, we share this information with our Advisory Board during our annual meeting in the summer. The Program Director sent an email in the spring updating the Advisory Board and intend to meet in person the following year. We are in the process of transitioning the undergraduate athletic training program (i.e. BSAT) to a Masters' entry level degree (i.e. MSAT) as required by our strategic planning groups. The details of this transition can be found in our MSAT Full Proposal which was approved by the Board of Trustees in June of 2021. The proposal was approved by the Chancellor's Counsel on Graduate Studies (GCGS) in September of 2021, conditional on changing the degree from a MSAT to MAT. This was completed and once again approved by the Board of Trustees on December 10, 2021. At this point the proposal is moving forward to the Chancellor by the end of this week for his final "sign off". A copy of the full proposal is available by contacting the program director at [rebekah.bower@wright.edu](mailto:rebekah.bower@wright.edu). One student remains in the undergraduate BSAT program during the 2021-2022 year. However, the only AT class that remains is her final internship (i.e. ATR 4870) during spring 2022. The intent is to start the MAT degree program summer B of 2022.

## **V. SUPPORTING DOCUMENTS**

Additional documentation, when provided, is stored in the internal Academic Program Assessment of Student Learning SharePoint site.