

## 2017-2018 Program Assessment: Athletic Training

### Program Goals and Outcomes

#### Program Mission

The mission of the Springfield College Athletic Training Professional Program is to prepare students to enter into the athletic training profession as competent, caring and compassionate evidence based health care providers. We create learning environments that support professional and academic growth of students. Upon graduation, students are prepared to utilize a holistic approach in providing healthcare, leadership and service within the community.

#### Program Goal/Student Learning Outcome

- 1. To prepare the athletic training student to successfully transition into professional practice as competent and appropriately credentialed health care providers.** *Upon successful completion of the athletic training program at Springfield College, the student will be able to:*

**SLO1:** obtain the Board of Certification® Certified Athletic Trainer credential

**SLO2:** provide quality health care to physically active patient populations.

**SLO3:** effectively communicate with patients, families, colleagues, other healthcare providers and the public in accordance with legal and ethical standards of practice.

- 2. To provide a foundation from which the student is able to develop critical thinking and clinical reasoning skills, engage in scholarly inquiry and life-long learning and practice as evidence-based clinicians throughout their academic and professional careers.**

**SLO4:** incorporate evidenced based decision making into their clinical practice and utilize best practices to provide safe, effective health care.

**SLO5:** utilize the scientific process of discovery, critical thinking, and analysis to conduct scholarly inquiry and develop the skills and knowledge needed to successfully engage in life-long learning throughout their academic and professional careers.

- 3. To expose the student to diverse workplace settings in order to instill within the student the value of utilizing a patient centered approach to health care with an appreciation for inter-professional collaboration and service to others.** *Upon successful completion of the athletic training program at Springfield College, the student will be able to:*

**SLO6:** Infuse their clinical practice with the foundational behaviors of professional practice to help guide all their patient-clinician interactions

**SLO7:** Participate in acts of service to the athletic training profession and community at large.

# 2017-2018 OUTCOME ASSESSMENT PLAN

Learning Outcome	Assessment/Criterion	Results	Action:
<p><b>LO1:</b> Obtain Board of Certification® status as a Certified Athletic Trainer.</p> <p><b>Outcome Status:</b> Active-Assessing</p>	<p><b>BOC® 3 Year Aggregate</b></p> <ul style="list-style-type: none"> <li>• First Time &amp; Overall Pass Rates</li> <li>• Domain Performance Scores</li> </ul> <p><b>Criterion 1:</b> Students will score at or above the national first time passing rate and the national overall passing rate as reported by the BOC®.</p> <p><b>Criterion 2:</b> Students will score at or above an internal benchmark of 90% for first time passing rates and of 95% for overall passing rates.</p> <p><b>Criterion 3:</b> Students from the most recent reporting period will score at or above the national average for first time candidates for percentage of correct (average score) responses in each Domain Category as reported by the BOC®.</p>	<p><b>Reporting Period:</b> <b>Data:</b> 3 Year period</p> <p><b>Result Type: Criterion 1 Met</b> External benchmark national first time pass rate: 85.21% <b>Springfield College first time pass rate:</b> External benchmark national overall pass rate 86.50% <b>Springfield College overall pass rate:</b></p> <p><b>Result Type: Criterion 2 Met</b> Internal benchmark first time pass rate: 90% <b>Springfield College first time pass rate:</b> Internal benchmark overall pass rate: 95% <b>Springfield College overall pass rate: .</b></p> <p><b>Result Type: Criterion 3 Partially Met</b> External Benchmarks: <b>Springfield College scores</b> Domain 1: Domain 2: Domain 3: Domain 4: Domain 5:</p>	<p><b>Outcome 1</b></p> <p><b>Action:</b></p>

\* External Pass Rate Benchmarks obtained from averaging data found on 2015/16, 2016/17, 2017/18 BOC Reports. Benchmark data taken from CAATE website <https://caate.net/program-outcomes/>

Learning Outcome	Assessment/Criterion	Results	Action:
<p><b>LO2:</b> Provide quality health care to physically active patient populations.</p> <p><b>Outcome Status:</b> Active-Assessing</p>	<p><b>Criterion 1: Cohort employment</b> statistics will fall within the highest percentage ranking as reported by the CAATE® Analytics Report for employment into athletic training positions post-graduation.</p> <p><b>Criterion 2: Alumni surveys:</b> 1 (2017) and 3 (2015) year post graduation: 75% of graduates responding to the survey will rate <i>their ability to provide quality health care to their patients as higher or significantly higher</i> than co-workers with similar years of experience.</p> <p><b>Criterion 3: Employer Surveys</b> 1 (2017) and 3 (2015) year post graduation: 75% of the employers surveyed will rate <i>the quality of care provided to patients in their facility by our graduates as the same or higher when compared to employees with similar years of experience.</i></p> <p><b>Criterion 4: Preceptor Evaluation of Student Performance</b> 100% of students enrolled in clinical coursework will earn a mean score of <b>80%</b> or higher on preceptor evaluations in clinical coursework.</p> <p>Clinical Capstone Courses</p> <ul style="list-style-type: none"> <li>(484/485)</li> </ul> <p>Third Year Clinical Courses</p> <ul style="list-style-type: none"> <li>(384/385)</li> </ul> <p>Second Year Clinical Courses</p> <ul style="list-style-type: none"> <li>(284/285)</li> </ul>	<p><b>Reporting Period:</b> <b>Data:</b> 3 Year period</p> <p><b>Result Type: Criterion 1 Not Met</b> As reported in the most recent CAATE Analytic Report (2015-2016) approximately 82 Baccalaureate athletic training programs ranked in the highest category of graduates securing athletic training positions post-graduation: <b>91-100%</b>.</p> <ul style="list-style-type: none"> <li>Employed as AT</li> <li>Employed in other field</li> <li><b>3 YR aggregate:</b></li> </ul> <p><b>Result Type: Criterion 2 Met</b> of the students surveyed responded to the 1 &amp; 3 Year <b>Post</b> Graduation Alumni Survey.</p> <p><b>Result Type: Criterion 3 Met</b> of the employers surveyed responded to the 1 &amp; 3 Year Post Graduation Employer Survey.</p> <p><b>Result Type: Criterion 4: Met</b> 2018 Cohort Mean Score: (485) (484) 2019 Cohort Mean Score: (385) (384) 2020 Cohort Mean Score: (285) (284)</p>	<p><b>Program Outcome 2</b></p> <p><b>Action</b></p>

**LO3: Effectively communicate with patients, families, colleagues, other healthcare providers and the public in accordance with legal and ethical standards of practice.**

**Outcome Status: Active-Assessing**

**Criterion 1: Alumni surveys: 1 and 3 years' post-graduation (2017 & 2015 Cohorts).** 75% of graduates will indicate that their *ability to **effectively communicate** with patients and their families, colleagues, other healthcare providers and the public in accordance with **legal and ethical standards of practice** was "the same" or "higher" when compared with co-workers of similar years of experience.*

**Criterion 2: Employer Surveys 1 and 3 years' post-graduation (2017 & 2015 Cohorts).** 75% of employers will indicate that the *ability of our graduates to **effectively communicate** with patients and their families, colleagues, other healthcare providers and the public in accordance with **legal and ethical standards of practice** was "the same" or "higher" when compared with employees of similar years of experience.*

**Criterion 3: Capstone Research Project: Journal Article and Oral Presentation.** The mean cohort score for performance on the journal article and presentation associated with the senior research project will **be at or above 85%**.

**Criterion 4: Student performance in capstone clinical experiences: The mean cohort scores for ATRN 484 and 485** include preceptor evaluation of professionalism and performance, student reflection papers, CAT/CAP paper and presentations and **will be at or above 80%**.

**Criterion 5: Preceptor Evaluation of Student Performance**  
100% of students enrolled in clinical coursework will earn a mean score of **80% or higher on preceptor evaluations** of professional behavior exhibited during in clinical coursework:  
Clinical Capstone Courses  
Third Year Clinical Courses  
Second Year Clinical Courses

**Result Type: Criterion 1 Met**  
of the students surveyed responded to the 1 & 3 Year Post Graduation Alumni Survey

**Result Type: Criterion 2 Not Met**  
of the employers surveyed responded to the 1 & 3 Year Post Graduation Employer Survey.

**Criterion 3: Met**  
2018 Cohort Mean Score:

**Criterion 4: Met**  
2018 Cohort Aggregate Score:

**Result Type: Criterion 5: Met**  
2018 Cohort Mean Score: (485) (484)  
2019 Cohort Mean Score: (385) (384)  
2020 Cohort Mean Score: (285) (284)

**Program Outcome 3  
Action required.**

LO4: Incorporate evidenced based decision making into their clinical practice and utilize best practices to provide safe, effective health care.

**Outcome Status:** Active-Assessing

**Criterion 1: Alumni surveys:**  
**1 & 3 Year post graduation (2017 & 2015 Cohort).** 75% of graduates will indicate that they “agree” or “strongly agree” with the following statement:  
*When compared with co-workers who have a similar amount of experience as me, my undergraduate AT program provided me with the foundations I needed to successfully practice evidence based health care.*

**Criterion 2: Employer Surveys**  
**1 & 3 Year Post Graduates (2017 & 2015).** 75% of the employers surveyed will rate our graduates; *ability to use **evidence based practice principles** to make clinical decisions was the same or higher when compared to employees with similar years of experience.*

**Criterion 3: Student performance in capstone clinical experiences:** The mean cohort scores for ATRN 484 and 485 include preceptor evaluation of professionalism and performance, student reflection papers, CAT/CAP paper and presentations and will be **at or above 80%.**

**Result Type: Criterion 1 Met**  
of the students surveyed responded to the 1 & 3 Year Post Graduation Alumni Survey

**Result Type: Criterion 2 Met**  
of the employers surveyed responded to the 1 & 3 Year Post Graduation Employer Survey.

**Result Type Criterion 3: Met**  
**2018 Cohort Aggregate Score:**

**Program Outcome 4**  
Both post-graduation summative

**Action required.**

**L05: Utilize the scientific process of discovery, critical thinking, and analysis to conduct scholarly inquiry and develop the skills and knowledge needed to engage successfully in life-long learning throughout their academic and professional careers.**

**Outcome Status:**  
Active-Assessing

**Criterion 1: Alumni surveys: 1 (2017 cohort) and 3-year post graduation (2015 Cohort).** 75% of graduates will rate their ability to *utilize the scientific process of discovery, critical thinking, and analysis to conduct scholarly inquiry and develop the skills and knowledge needed to successfully engage in life-long learning throughout my academic and professional careers as “higher” or “significantly higher” when compared with co-workers who have a similar amount of experience.*

**Criterion 2: Employer Surveys**  
**Employers of 1 (2017 cohort) and 3 (2015 cohort) Year Post Graduate Survey.** 75% of the employers surveyed will rate our graduates’ *ability to utilize the **scientific process of discovery, critical thinking, and analysis to conduct scholarly inquiry** and develop the skills and knowledge needed to successfully engage in life-long learning throughout their academic and professional careers as **about the same** when compared with newly certified athletic trainers in their first year of practice.*

**Criterion 3: Writing Assignments/Case Studies in Capstone Courses**  
The mean cohort scores for seminal writing assignments in senior capstone courses will be at or **above 85%**.

**Criterion 4: Writing Assignments in non-capstone courses**  
The mean cohort scores for seminal writing assignments in non-capstone courses will be at or **above 85%**.

**Result Type: Criterion 1 Met**  
of the students surveyed responded to the 1 & 3 Year Post Graduation Alumni Survey

**Result Type: Criterion 2 Not Met**  
of the employers surveyed responded to the 1 & 3 Year Post Graduation Employer Survey.

**Criterion 3: Met**

- **Capstone Critically Appraised Paper project: Mean 2018 Cohort Score:**
- **Capstone Research Project/ Journal Article: Mean 2018 Cohort Score:**
- **Capstone Research Project/Presentation: Mean 2018 Cohort Score:**

**Criterion 4: Met**  
**CL2019 ATRN 305/307 TI Report:**  
**CL2020 ATRN 227/228 Ortho Case Study:**  
**CL2021 ATRN 114 Abstracts:**

**Program Outcome 5 is being met.**

**Action required.**

**LO6:** Infuse their clinical practice with the foundational behaviors of professional practice to help guide all their patient-clinician interactions.

**Criterion 1: Alumni surveys: 1 (2017 cohort) and 3-year post graduation (2015 Cohort) Alumni Surveys.** 75% of graduates will rate their ability to *infuse their clinical practice with the **foundational behaviors of professional practice** to help guide your **patient-clinician interactions*** as “the same” or “higher” when compared to the ability of co-workers with about the same amount of experience.

**Criterion 2: Employer Surveys** Employers of 1 (2017 cohort) and 3 (2015 cohort) Year Post Graduate Survey. 75% of respondents will rate our graduates’ ability to **incorporate accepted standards of professional practice** at all times, but specifically during patient-clinician interactions as “**the same**” or “**higher**” when compared with other newly Certified Athletic Trainers with similar years of professional practice.

**Criterion 3: Preceptor Evaluation of Foundations of Professional Practice during Clinical Rotations.** Mean cohort scores for each cohort will be greater than or equal to 80%.

**Result Type: Criterion 1 Met**  
of the students surveyed responded to the 1 & 3 Year Post Graduation Alumni Survey

**Result Type: Criterion 2 Met**  
of the employers surveyed responded to the 1 & 3 Year Post Graduation Employer Survey.

**Result Type: Criterion 3 Met**  
2018 Cohort Mean Score: (485) (484)  
2019 Cohort Mean Score: (385) (384)  
2020 Cohort Mean Score: (285) (284)

## Program Outcome 6

Action required.

LO7: Participate in acts of service to the athletic training profession and community at large.

**Criterion 1: Alumni surveys:**  
**1 (2017 cohort) and 3-year post graduation (2015 Cohort).** 75% of alumni will list at least (1) example of community service and/or leadership activities.

**Criterion 2: Employer Surveys**  
**Employers of 1 (2017 cohort) and 3 (2015 cohort) Year Post Graduate Survey.** 75% of the employers surveyed will rate our graduates' frequency of acts of service as the "same" or "higher" when compared to employees with similar years of experience.

**Criterion 3: Senior Exit Surveys**  
75% of graduating seniors in the 2018 cohort will "agree" or "strongly agree" with the statement: *I intend on taking on some form of leadership role within the athletic training profession.*

75% of graduating seniors in the 2018 cohort will "agree" or "strongly agree" with the statement: *"I am committed to providing service to others through community and or professional volunteerism."*

**Criterion 4: Professional Development Activity**  
All students, regardless of cohort, will participate in acts of community service at least 1 time per year.

**Criterion 1: Met**  
of the students surveyed responded to the 1 & 3 Year Post Graduation Alumni Survey

of those responding to the survey described participating in service related activities. Examples include:

**Result Type: Criterion 2 Met**  
of the employers surveyed responded to the 1 & 3 Year Post Graduation Employer Survey.

**Criterion 3: Met**  
of the 2018 Cohort completed the senior exit survey.

**Criterion 4: Met**  
Engagement in professional and community service is tracked using the Professional Development Requirement and examining the resumes of seniors in their final semester.

## Program Outcome 7

### Action



## MEASURES OF TEACHING EFFECTIVENESS

Assessment	Criteria	Results	Analysis															
<p><b>Student instructional Report (SIRII):</b> Students are required to complete an assessment of course and teaching effectiveness at the conclusion of all didactic courses. Instructors are rated on the following and compiled into an overall evaluation of teaching effectiveness:</p> <ol style="list-style-type: none"> <li>1. Course Organization/Planning</li> <li>2. Communication</li> <li>3. Faculty/student interaction</li> <li>4. Assignments, Grading</li> <li>5. Course Outcomes</li> <li>6. Student effort/involvement</li> </ol> <p><b>Reporting Period:</b> Fall 2017-Spring 2018</p>	<p><b>Criterion 1:</b> Mean cohort scores for evaluation of overall teaching effectiveness will be at or above the comparative mean (all faculty teaching at Springfield College).</p>	<p><b>Criterion 1: Mean cohort scores for evaluation of overall teaching</b></p> <table border="1" data-bbox="1098 349 1478 506"> <thead> <tr> <th></th> <th>Program</th> <th>Comparative</th> </tr> </thead> <tbody> <tr> <td>F2016</td> <td></td> <td></td> </tr> <tr> <td>S2017</td> <td></td> <td></td> </tr> <tr> <td>F2017</td> <td></td> <td></td> </tr> <tr> <td>S2018</td> <td></td> <td></td> </tr> </tbody> </table>		Program	Comparative	F2016			S2017			F2017			S2018			<p><b>Criterion Met:</b></p>
	Program	Comparative																
F2016																		
S2017																		
F2017																		
S2018																		
<p><b>Student Evaluation of Preceptor:</b></p> <p>Students are required to complete an assessment of preceptor teaching effectiveness and clinical site setting at the conclusion of each clinical rotation. Scores for preceptors are compiled and averaged in each of the five characteristics associated with preceptor teaching effectiveness</p> <p><b>Reporting Period:</b> 2017-2018 AY</p>	<p><b>Criterion 1:</b> Mean scores in each characteristic group will be 80% or higher</p>	<p><b>During the 2017-2018 AY. 40 preceptors were evaluated by multiple students.</b></p> <p>Professional attitudes and actions</p> <ul style="list-style-type: none"> <li>• Mean cohort score</li> </ul> <p>Characteristics of effective leaders</p> <ul style="list-style-type: none"> <li>• Mean cohort score:</li> </ul> <p>Communication skills</p> <ul style="list-style-type: none"> <li>• Mean cohort score:</li> </ul> <p>Teaching Abilities and Attitudes</p> <ul style="list-style-type: none"> <li>• Mean cohort score:</li> </ul> <p>Personal Attitudes</p> <ul style="list-style-type: none"> <li>• Mean cohort score:</li> </ul>	<p><b>Criterion Met.</b></p>															

## MEASURES OF STUDENT LEARNING

Assessment	Criteria	Results	
<p><b>BOC Pass Rate:</b> First Time &amp; Overall Pass Rates 3 Year Aggregate</p> <p><b>Reporting Period:</b> 2017-2018 <b>Data:</b> 3 Year period 2015-2018</p>	<p><b>Criterion 1:</b> Students will score at or above the national first time passing rate and the national overall passing rate as reported by the BOC®.</p>	<p>Springfield College</p> <ul style="list-style-type: none"> <li>• first time pass rate:</li> <li>• overall pass rate of</li> </ul> <p>National</p> <ul style="list-style-type: none"> <li>• first time pass rate: 85.21 %</li> <li>• overall pass 86.50%</li> </ul>	
<p><b>Graduation Rate:</b> the sum of students with a Graduated status divided by the total number of students in the cohort (excluding students with the status of leave of absence (medical) or deceased) as reported on the CAATE® Outcomes Data Reporting Site for Springfield College.</p>	<p><b>Criterion 1:</b> Three-year aggregate graduation rate will meet an 80% threshold.</p>	<p><b>Criterion 1:</b> Three year aggregate graduation pass rate (2015-2018) =</p>	<p><b>Criterion Met:</b></p>

## MEASURES OF PROGRAM EFFECTIVENESS

Assessment	Criteria	Results	Analysis
<p><b>Retention Rate:</b> number of first time, full time athletic training students entering program in Fall 2016 still enrolled in Fall 2017 based IPEDS reporting data.</p>	<p><b>Criterion 1:</b> Retention rate within the AT program will meet institutional retention rate for same year cohort.  <b>Criterion 2:</b> Retention rate within the AT program will meet national retention rate for same year cohort at like institutions.</p>	<p><b>Retention Rate within the 2016-2017</b></p> <ul style="list-style-type: none"> <li>AT-SC Cohort:</li> <li>Institutional Retention Rate:</li> <li>National Retention Rate:</li> </ul>	<p><b>Criterion Met:</b></p>
<p><b>Graduation Rate:</b> Graduation rate is calculated as: the sum of students with a Graduated status divided by the total number of students in the cohort (excluding students with the status of leave of absence (medical) or deceased) as reported on the CAATE® Outcomes Data Reporting Site for Springfield College.</p>	<p><b>Criterion 1:</b> Graduation rates will meet an 80% threshold.</p>	<p><b>Criterion 1:</b> Three year aggregate graduation pass rate (2016-2018) =</p>	<p><b>Criterion Met:</b></p>
<p><b>Placement Rates:</b> number of students securing AT positions, including internships and assistantships or securing admission into advanced degree/certification programs within 6 months of graduation.</p>	<p><b>Criterion 1:</b> Placement rates will be at or above 90%.</p>	<p><b>Criterion 1:</b> Three year aggregate placement rate (2016-18) =</p> <ul style="list-style-type: none"> <li></li> </ul>	<p><b>Criteria Met:</b></p>