

Use of Evidence of Student Learning in Kinesiology:

The right hand column of the data table below summarizes the actions we have taken in the ATEP based on the evidence collected over the past 5 years.

Assess. Measurement Tools	Criteria for Success	Findings from Data Collection	Resulting Program Changes
Competency exams taken throughout didactic and clinical program; entry level achievement required to advance in major	>90% of students will pass each competency exam (perform at the "autonomous" level on simulated or real patients).	Pass Rates for Competency Exams: 2003-07=100%; 2008=95%; 2009-10=100%	The Competencies were significantly revised by the NATA Education Council in 2007; the ATEP revised curriculum and has implemented these competencies since spring 2009.
Clinical Proficiencies testing administered in 6 clinical courses	All students will perform 100% of the proficiencies at an Autonomous level--demonstrating conceptual understanding and mastery--to advance in the clinical education program.	2008-2009 95% of students passed proficiency exam at each of the 6 clinical levels as measured by clinical instructors; 2009-10=100% pass rate.	ATEP faculty continue to discuss the means by which we can increase student mastery of skills on actual patients. All clinical instructors look to evaluate students on real patients before devising case studies.
Supervisor evaluation of high school athletic training rotation	100% of students will pass clinical performance assessment by PLHS ACI	100% of students pass high school internship	Two additional Clinical Instructors have been added to supervise students and this has enhanced student learning. The ATEP pays honoraria to these instructors through our budget. We recommend that this money comes out of the adjunct salary pool in the future.
Supervisor evaluation of 5-week rotations in Orthopedic, General Medical & Physical Therapy settings	100% of students will pass clinical performance assessment by clinical instructor	100% of students passed Orthopedic, Gen Med & Physical Therapy rotations	Students began performing preoperative physical exam screenings at our surgeon's office in 2009.
Supervisor evaluation of athletic training rotation at PLNU	100% of students will pass clinical performance assessment by PLNU ACI	100% of students passed PLNU practicum	Students are required to participate in Peer Teaching & Mentoring program since 2009.
Mock certification exam administered in ATR 494	90% of students will receive a score of 70% or higher	2009=100% of students scored >70% on the mock certification exam	The board of certification transitioned to a mock certification exam in 2009; we therefore implemented in 2010-11 an online practice examination in the senior seminar class.
Successful completion of the Board of Certification (BOC) examination	90% of students will pass the certification exam after 2 attempts; <5% of students will fail after 3 attempts	2003-06=93% passed exam in 2 attempts, 6% failed after 3; 2006-07: 100% passed exam; 2007-10=95% passed exam, 5% failed after 3.	Outcome is being met. New exam format makes panel discussion with faculty/ alumni necessary. Recommendations needed for best approach to study. Students are passing boards higher than nat'l ave rate. 75% of seniors enrolled in ATR 493 in 2011 passed exam on 1 st try.
Clinical Performance Assessment by ACI/CI, Peer Teaching, Student Journal, eportfolio	All seniors will score >80% on VAS score for exhibiting Foundational Behaviors of an ATC	Data to be collected Spring 2011	Program Director participated in national survey of strategies for implementing Found. Behaviors in May, 2010; results of survey will inform program changes.
Graduate school Evaluation and Employer Ratings forms	85% of graduates will be rated in the top 50% by their graduate school supervisor or employer	2003-2006: 100% of supervisors responding indicate that alumni are in top 50% or above; no data since 2006	Assessment has been inconsistent over past 5 years; progress with online tools will provide data every 2 years.

How the Evidence has Affected Decisions about Exercise Science:

The right hand column of the data table below summarizes the Resulting Exercise Science Changes based on the evidence collected.

Assess. Measmt Tools	Criteria for Success	Findings from Data Collection	Resulting Program Changes
Grand Functional Anatomy Assessment in KPE325	Percentage of students who score < 80% on the Grand Functional Anatomy Assessment in KPE325		Increased emphasis on topographical anatomy, clinical analysis of triplanar movement and qualitative assessment of Safety, Effectiveness, Efficiency of physical tasks
Case Report of Multisystem Disease case	Percentage of students who score <80% on the Case Report		Increase class time devoted to clinical simulations for health assessments and articulation of epidemiology, etiology, risk factors, pathogenesis, clinical manifestations, diagnosis, treatment, prognosis
Integration of Physical and Motor Fitness art project in KPE 440 capstone	Percentage of students who score <80% on the Project	100% of students scored 80% or higher in project in 20010-2011	Require narrative report to accompany project as part of the writing across the curriculum L.O.
Evaluation by Clinical Mentor	Mentor scores student as good to excellent	A very small percentage of students do clinical internship for academic credit ; have not required	Curricular change to require an Internship course or to successfully complete a formal graduate school preparation