

Section IV: Evidence for Meeting Assessment 1  
Physical Education Content Test (Praxis II – 0091)  
Fall 2010

**1. Description of the Assessment (Physical Education Content Test)**

- a. This assessment represents a standardized account of the physical education content knowledge of teacher candidates (TC). TC in the Physical Education Department take the Praxis II: Physical Education Content Knowledge Test (0091) administered by ETS. This assessment was implemented in the fall of 2009 when the department determined a standardized test would best capture the discipline knowledge we feel we needed to determine if TC were learning the crucial information being taught in their major classes. The Rhode Island College Health and Physical Education Department researched cutoff scores for other states requiring the test and recruited a pilot group of physical education majors to take the test, which served as our source for determining our cut off score. Based on the results, it was determined that TC must score a 154 or higher on the test and the test has become a graduation requirement. The course work TC take in the physical education program adequately prepares them to be successful on this exam. It is recommended that TC take the exam after completing PED 140: Introduction of Movement Sciences; PED 206: Fundamental Movement and its Analysis; PED 207: Motor Skill Development for Life: Wellness I; PED 208: Motor Skill Development for Life: Wellness II; PED 243: Foundations of Movement; PED 411: Kinesiology and PED 420: Physiological Aspects of Exercise. The Physical Education Content test is an exit requirement for the department to earn a degree to teach physical education.

The Rhode Island Department of Education requires the Praxis II – Principles of Learning and Teaching (PLT) to acquire a teacher’s license. Therefore the Feinstein School of Education and Human Development (FSEHD) has made the PLT a graduation requirement for all education majors. TC must score a minimum of 167 on the test to be permitted to student teach. All physical education TC from this sample scored above the minimum requirement set by the State of Rhode Island.

- b. Alignment with the NASPE Standards:

- NASPE 1.1: TC demonstrate their knowledge of physiological and biomechanical concepts by applying content related to movement, physical activity and fitness to answer questions on the standardized physical education test.
- NASPE 1.2: TC demonstrate their knowledge of motor learning and psychological/behavioral theory by applying content related to movement, physical activity and fitness to answer questions on the standardized physical education content test.
- NASPE 1.3: TC demonstrate their knowledge of motor development theory and principles by applying content related to movement, physical activity and fitness to answer questions on the standardized physical education content test.
- NASPE 1.4: TC demonstrate their knowledge of physical education historical, philosophical and social perspectives as well as physical education issues and legislation to answer questions on the standardized physical education content test.
- NASPE 1.5: TC demonstrate their ability to analyze and correctly identify critical elements of motor skills and performance concepts through answering questions on the standardized physical education content test.

c. Brief Analysis of the Data Findings:

**Praxis II Physical Education Content Test (0091):** A total of 100% (6) of the TC who student taught Spring 2010, scored above the cut off score on the Physical Education Content Test (154). For the TC who submitted their content category information (3 of the 6), the faculty analyzed the number of questions the TC answered correctly and compared those to the range of correct answers from the group of TC who took the test at the same time. The content categories are: 1. Fundamental Movement, Movement Development and Motor Learning; 2. Movement Forms; 3. Fitness and Exercise Science; 4. Social Science Foundations; 5. Biomechanics; 6. Health and Safety.

The faculty determined that the number of correctly answered questions for two of the three TC appeared within or exceeded the range of correctly answered questions for all test takers in all six content categories. Also of note, one TC exceeded the range of correctly answered questions in three of the six categories. The number of correctly answered questions for the other TC was lower than the range of correct questions in the Movement Forms and Fitness and Exercise Science categories, while the other four categories were within or exceeded the range of correctly answered questions by all test takers.

The faculty also were encouraged by the results of the most recent Institutional Summary Report (September 2008-August 2009) for the PE Content test. The Average % Correct Answers for Rhode Island College (RIC) physical education majors (N = 30) were above the National percentage for five of the six categories (Content Knowledge and Student Growth and Development; Management, Motivation and Communication; Planning, Instruction and Assessment; Biomechanics; Health and Safety). RIC TC equaled the percentage of correct answers in one category (Collaboration, Reflection and Technology). The faculty also compared the overall score on the PE Content Test of RIC TC with the National overall score on the Institutional Summary Report for the period of September 2008-August 2009. The median score was higher for Rhode Island College (158.5) than the National median (155) as was the Average Performance Range (RIC = 155-164, National = 149-161). The lowest reported score for RIC = 147 while the National lowest score = 100. The faculty is confident that TC have acquired the background discipline knowledge, which serves as a solid foundation for their teaching career.

d. Evidence of Meeting the Standards: The Physical Education Content Test is a reliable and valid tool to evaluate whether TC possess necessary discipline knowledge. The faculty concludes that most TC were not just reaching the passing score, they were above the passing score. The program's course requirements prepare candidates for the wide variety of content they will need to apply when developing block, lesson and unit plans. The faculty interpreted the data and the TC are meeting NASPE Standard 1: Scientific and Theoretical Knowledge. TC know what to expect from children of different ages through a solid grasp of Motor Development and Motor Learning. TC know how humans move through their knowledge of Biomechanics and Physiology. TC know the correct elements of skills and can recognize performance concepts through their mastery of fundamental and sport specific skills.

## 2. Assessment Documentation

- e. Assessment Tool: Praxis II Physical Education Content Test (0091)

TC must take the Physical Education Content test prior to student teaching. Anyone not reaching the passing score of 154 must retake the test and pass it prior to graduating from the program. TC must pass the Principles of Learning and Teaching test (passing score = 167) before they are allowed to student teach.

- f. Assessment Tool Scoring Guide: Not Applicable

g. Data Charts

Assessment # 1  
 Praxis II: Physical Education Content Exam 10091  
 NASPE 1.1, 1.2, 1.3, 1.4, 1.5

	Range	TC 1 Correct Questions Answered	Range	TC 2 Correct Questions Answered	Range	TC 3 Correct Questions Answered	Range	TC 4 Correct Questions Answered	Range	TC 5 Correct Questions Answered	Range	TC 6 Correct Questions Answered
Fundamental Movement, Movement Development and Motor Learning	13-18	15	20-25	24	20-25	27						
Movement Forms	14-19	13	18-21	19	18-21	20						
Fitness and Exercise Science	14-18	13	15-19	18	15-19	19						
Social Science Foundations	7-10	8	8-10	10	8-10	12						
Biomechanics	5-7	8	4-6	6	4-6	6						
Health and Safety	10-12	13	9-12	11	9-12	13						
Overall Score		154		158		167		156		173		161
<b>MEAN</b>												

- Passing Score for Rhode Island College Physical Education Department is a 154
- **\*\* Could not retrieve specific content area score for TC 4, 5 or 6**

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 Praxis II: Physical Education Content Exam 10091  
**September 2008-August 2009**  
 NASPE 1.1, 1.2, 1.3, 1.4, 1.5

Content Areas	Institutional Average % Correct	State Wide Average % Correct	National Average % Correct		Number of Examinees	Highest Observed Score	Lowest Observed Score	Median	Average Performance Range
Content Knowledge and Student Growth and Development	68%	67%	63%		<b>All Examinees</b>				
Management, Motivation, and Communication	74%	74%	72%						
					5,998	181	100	155	149-161
Planning, Instruction, and Student Assessment	77%	78%	73%						
Collaboration, Reflection, and Technology	66%	68%	66%		<b>Examinees Relevant to Rhode Island College</b>				
Biomechanics	68%	68%	65%						
Health and Safety	74%	74%	70%		30	170	147	158.5	155-164

- Passing Score for Rhode Island College Physical Education Department is a 154 prior to graduation.