

**Assessment #1 State Certification Examination
Physical Education Content Test**

Description of the assessment and its use in the program:

All teacher candidates in the state are required to pass the Content standardized test in order to be eligible for initial licensure. The Content test consists of multiple-choice questions and a written assignment. It measures knowledge and skills in the content area (physical education) of certification. It is recommended that teacher candidates take the content test prior to student teaching.

Alignment of the assessment with the standards:

The Content test in physical education is aligned with NASPE Physical Education Teacher Education Standards as follows:

- 1.1: Subscale– Fitness and Exercise Science
- 1.2: Subscale - Movement Forms
- 1.3: Subscale – Fundamental Movements
- 1.4: Subscale – Social Science Foundations

Analysis of Data

The overall pass rate for teacher candidates is at an acceptable level for 2007 – 2008 and 2006 – 2007 but is slightly below standard for 2005 – 2006. Mean scores in subscales exceed the 220 passing criterion. The mean score for the written response is below the criterion.

Interpretation of data – how it provides evidence for meeting the standards

Teacher candidate overall passing rates are generally acceptable. Subarea scores indicate strengths in Fundamental Movements, Movement Forms, Social Science Foundations, and Health and Safety.

Teacher candidates need further development in the Fitness and Exercise Science and written responses in Biomechanics.

Assessment 1
Description of the State Content Test in Physical Education

The Content test in Physical Education has four subareas, each with several components:

Subarea I – Fundamental Movements

1. Understand the structures and functions of the major body systems and how these systems respond to physical activity.
2. Understands motor learning theory and variables that affect learning and performance.
3. Understands growth and development and biological and environmental influences.
4. Understand principles and characteristics of motor development.

Subarea II – Movement Forms

1. Understand principles, activities, and techniques for developing fundamental motor skills.
2. Understand principles and activities for developing, combining, and integrating locomotor, non-locomotor, rhythmic, and manipulative skills in complex movement activities.
3. Understand principles, techniques, strategies, skills, and safety practices for team passing sports, net/wall sports, striking/fielding sports, and target sports.
4. Understand principles, techniques, strategies, skills, and safety practices for dance and aesthetic activities, personal performance activities, adventure activities, and outdoor pursuits.

Subarea III – Fitness and Exercise Science

1. Understand principles and activities for promoting health-related cardiorespiratory fitness.
2. Understand principles and activities for promoting health-related muscular strength and endurance.
3. Understand the development of resource management and consumer skills in relation to physical activity and fitness.
4. Understand how individuals improve health related fitness.
5. Understand principles of physical fitness and the importance of lifelong physical activity.
6. Understand principles and activities for promoting health-related flexibility.
7. Understand principles and activities for developing and maintaining levels of body composition that promote good health.
8. Understand principles and procedures for developing and implementing individualized fitness and wellness plans.

Subarea IV – Social Science Foundations

1. Understand the structure, organization, goals, and purposes of physical education programs.
2. Understand issues and procedures involved in managing the physical education environment, including modifications and adaptations for students with special educational needs.
3. Understand physical education assessment methods and instruments.
4. Understand legal, ethical, and professional issues related to physical education.

Subarea V – Biomechanics

1. Understands fundamental biomechanical concepts as they apply to human movement.
2. Understands the role of biomechanics in the improvement of movement efficiency.
3. Understands the function of the body and its muscular system.

Subarea VI – Health and Safety

1. Understands the safety considerations for all movement activities
2. Understands risk management and accident prevention.
3. Understands liability and legal aspects of teaching physical education.

**Assessment #1 State Teacher Certification Examination
Physical Education Content Test Data Charts**

Physical Education Subscale Scores

Program	PEC-undergrad Test Code/ Subtest	2005-2006			2006-2007			2007-2008					
		N	Mean	Lo	Hi	N	Mean	Lo	Hi	N	Mean	Lo	Hi
PE	Fundamental Movements, Motor Development, & Motor Learning	28	235	175	274	192	236	166	288	162	233	175	272
PE	Movement Forms	28	233	142	290	192	235	149	290	162	236	158	291
PE	Fitness and Exercise Science	28	239	143	300	192	241	143	289	162	235	177	300
PE	Social Science Foundations	28	224	100	300	192	225	100	300	162	224	100	300
PE	Biomechanics	28	253	154	300	192	250	159	300	162	244	148	300
PE	Health and Safety	28	203	100	300	192	207	100	300	162	206	100	300

TEST: PHYSICAL EDUCATION

NO. OF TEST QUESTIONS THE SUBAREAS ON THE TEST ARE AS FOLLOWS:

- 21 to 30
- 21 to 30
- 11 to 20
- 21 to 30
- Written Assignment
- 21 to 30
- 1 = Fundamental Movements, Motor Development, & Motor Learning
- 2 = Movement Forms
- 3 = Fitness and Exercise Science
- 4 = Social Science Foundations
- 5 = Biomechanics
- 6 = Health and Safety

Scoring Guide for State Physical Education Content Exam

This information has been excerpted from the state web site

Interpreting total test scores

All tests for the state are reported using the same scale. The results for each test are reported as a score in the range of 100 to 300. The minimum passing score for each test is 220. Each candidate with a total test score of 220 or above passes the test. A candidate with a total test score below 220 does not pass the test. The total test score is based on the total number of test questions answered correctly and on the score(s) for any constructed-response assignment(s) on the test. Each multiple-choice question counts the same toward the total score. There is no penalty for wrong answers.

Interpreting Subarea Performance

Subarea performance is also reported on the 100 to 300 scale and is intended to provide feedback on performance in the major subareas of the test. This information is descriptive only and may help assess strengths and identify areas where additional preparation may be necessary. In general, performance in the 220 to 300 range indicates an area of strength, while performance below 220 suggests an area where the candidate is not yet prepared. Because subareas have differing numbers of test questions, it is not possible to average performance across subareas to arrive at the total test score. There is no "passing" score associated with individual subareas.

Content Test Assignments

The assignment counts for 10% of the test score and the multiple-choice section counts for 90%. A candidate's response to the assignment is evaluated on the basis of the extent to which it fulfills the charge of the assignment, accurately and effectively applies the relevant knowledge and skills, and is supported by appropriate examples and/or sound reasoning reflecting an understanding of the relevant knowledge and skills. The assignment assesses content knowledge and skills, not writing ability. However, the candidate's response must be communicated clearly enough to permit valid judgment of these factors by scorers. The candidate should present a thoughtful, reasoned response to the assignment, written in his or her own words, and not copied or paraphrased from some other work. The final version should conform to the conventions of edited American English.