

**Trinity University
Trinity Nursing Program**

Challenge for Anatomy and physiology

Trinity offers RN-to-BSN students an opportunity to challenge Anatomy and physiology. Those requesting challenge of the course must successfully pass the NLN Anatomy and physiology Exam with a raw score of 78 or above, or score in the 45th percentile or above. The fee for this exam is the responsibility of the student. Successful completion of the exam contributes to 100 % of credit for the course. A student may attempt twice to successfully pass the exam.

The Anatomy and Physiology Challenge Exam will be administered on a per semester basis. The fee for this exam is \$100 and is the responsibility of the student. All students interested in taking the Anatomy and Physiology Challenge Exam must contact Ms. Tamara Jean, at JeanTa@trinitydc.edu or 202-884-9670.

Students who successfully pass the Anatomy and Physiology Challenge Exam will receive credit for Anatomy and Physiology I and II.

The NLN Anatomy and Physiology Challenge Exam is a 125 item, four-option, multiple-choice exam. Students will have up to 2 hours to complete the test. A blueprint for the Anatomy and Physiology Challenge Exam assessment is attached.

For further information on the challenge exam, please contact Dr. Rosemarie Berman at: bermanr@trinitydc.edu or 202-884-9671.

**NATIONAL LEAGUE FOR NURSING (NLN)
ASSESSMENT AND EVALUATION**

61 Broadway, 33rd Floor

New York, NY 10006

ANATOMY AND PHYSIOLOGY

OTACHI 74-1204

Purpose: This test assesses students' knowledge of the normal structure and function of the human body.

Description: The 125 individual items address cellular metabolism and membrane physiology; major body systems (cardiovascular, respiratory, musculoskeletal, gastrointestinal, endocrine, urinary, immune, integumentary); metabolism and temperature control; reproduction; and sensory systems.

Format: 125-item, four-option, multiple-choice. Twenty-five of these items are for experimental purposes and not included in the scoring.

Administration: Can be administered in two and one-half hours. Schedule after completion of course work in anatomy and physiology.

Confidentiality: All NLN tests are copyright protected. Every effort must be made to maintain the confidentiality of the test. Only authorized persons should see the test questions and all test booklets must be returned to the NLN by a trackable shipping method immediately after use.

Scoring: A total score and two subscores are provided.

- A. Anatomy: 38 items
- B. Physiology: 62 items

Norms: Norms have been computed so that faculty can compare the performance of their students with that of students in other RN programs throughout the country.

The NLN score report includes a list of incorrect and omitted responses for every examinee, providing specific information about each individual student's strengths and weaknesses. When ten or more students take the test at a given time, the report will include an analysis of the responses of that particular group. For each item, the report will indicate the number of students in the group who answered the question correctly, incorrectly, and/or omitted the question. Item descriptors for all scored test questions accompany the report.

OBJECTIVES OF THE TEST

The student will demonstrate knowledge of:

1. The normal structure of the human body.
2. The normal physiologic functions of structures in the human body.

STATISTICAL CHARACTERISTICS

Content Areas (Subscores)	Number of Items	Mean ¹	Standard Deviation ²	Reliability ³	Standard Error of Measurement ⁴
Anatomy	38	25.29	5.26	0.74	2.67
Physiology	62	38.27	8.43	0.82	3.55
Total	100	63.56	12.84	0.88	4.45

- 1, 2 The mean and the standard deviation are based on the uncorrected raw score, i.e., the number of items answered correctly.
- 3 The reliability coefficient is an estimate of the consistency with which the trait under consideration is being measured. The reliability estimate reported here is Cronbach's Alpha. The range of the coefficient is between 0 and +1. This estimate is based on inter-item consistency, requiring only one administration of the test.
- 4 The standard error of measurement (SEM) is reported to help assess the accuracy of measurement of an individual's score. The SEM estimates the variation in a score one would expect to see if an individual were tested repeatedly. In practice it is estimated (with 68 percent confidence) that an individual's "true" score will fall within ± 1 SEM of the observed, or actual, score on a test. Therefore, small differences are not likely to indicate significant differences among the performances of students. (To obtain the value of the SEM, we employ values of the standard deviation and reliability that have greater precision than shown in the above table.)