

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Vocational Nursing</u>
COURSE RUBRIC AND NUMBER	<u>VNSG 1420</u>
COURSE TITLE	<u>Anatomy and Physiology for Allied Health</u>
COURSE CREDIT HOURS	<u>4 3 2</u> Credits Lec Lab

I. Catalog Description

Study of the structure (anatomy) and function (physiology) of the human body, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. A grade of "C" or better is required in this course to take the next course. **(3:2). Lab fee.**

II. Course Objectives

LECTURE AND LABORATORY

The objectives for the lecture and lab are essentially the same. The lecture stresses the theoretical aspects of human anatomy and physiology while the laboratory focuses on applications with a significant “hands-on” component.

Upon satisfactory completion of this course, the students will be able to:

- A. Describe the anatomy, physiology, and pathophysiology of the following systems:
 1. Circulatory
 2. Lymphatic
 3. Respiratory
 4. Digestive
 5. Urinary
 6. Reproductive
- B. Discuss and describe cell metabolism.
- C. Describe the genetic principles which govern the inheritance of human traits.
- D. Meet the physiology and pathology objectives in “EPCC Core Anatomy and Physiology Modules.”
- E. Discuss the basic concepts in the regulation of fluids, electrolytes, and acid-base balance.

III. Student Learning Outcomes (SLO's): VOCATIONAL NURSING

Nursing Program Student Learning Outcomes (SLO's) assess the knowledge, skills/abilities, and/or attitudes that display behavioral evidence which the students have attained from their educational experiences. The ongoing assessment of Student Learning Outcomes is specifically linked to the El Paso Community College Mission Statement, Institutional Strategic Goals, Program Review, and the Nursing Mission and Vision statement. Nursing Program Student Learning Outcomes specifically describe the end result of the Nursing program.

Student Learning Outcomes – SLO's
1. Integrate teaching-learning principles by developing, presenting, evaluating and modifying teaching plans to meet the needs of patients and their families.
2. Utilize nursing -clinical judgment, communication skills and a systematic process when advocating for safe caring and compassionate patient-centered care to culturally diverse patients and their families across the lifespan in a variety of health care settings.
3. Assume accountability for the quality of patient-centered nursing care within the legal scope of nursing practice consistent with ethical principles and professional values and standards.
4. Provide evidence-based nursing care that promotes safety for the patient, family and their environment, while utilizing current technologies and nursing informatics.
5. Collaborate and co-ordinate with patients, their families and the interdisciplinary/multidisciplinary health care team to implement best practices and to address health promotion and disease prevention, health maintenance and health restoration based on the individual's perception of their health needs.

Revisions to SLO's Fall 2011 & 6-7-2012

Revised: May 2018

IV. THECB Learning Outcomes (WECM)

1. Identify the structure of each of the body systems.
2. Describe the functions of each body system.
3. Discuss the interrelationship of systems in maintaining homeostasis.

V. Evaluation

LECTURE

- A. Pre-assessment: None Available
- B. Post-Assessment:
 1. Quizzes: The type of quiz, number and frequency will be announced by the instructor at the beginning of the course.
 2. Exams: The type, of exam, number, and frequency will be announced by the instructor at the beginning of the course. Since Anatomy and Physiology is a course that is critical for students studying medicine and allied health fields, it is recommended that instructors administer all exams in class with at least a portion of the exam requiring written expression by the students. (Objective/Essay Combination). Take-home exams are not recommended for this course.
 3. Grading Scale:
 - 90 –100 = A
 - 80 –89 = B
 - 75 –79 = C
 - 70 –74 = D
 - Below 69 = F
- C. Grading will follow current EPCC standards.

LABORATORY

A. Pre-assessment:

At present there is not pre-assessment tool for the laboratory portion of this course.

B. Post-assessment:

1. Quizzes/Exams:
The number, frequency, and type of quizzes and exams is left to the discretion of the instructor.
2. Practical Exams:
There will be at least two major practical exams during the semester.
3. Lab reports, journals, special projects:
The instructor may opt to use additional assessment vehicles in determining the overall grade for the lab. These evaluation methods and their frequency will be left to the discretion of the individual instructor.

B. Grading Scale

The particular weight given to the above evaluation methods is left up to the instructor, but the overall grade for lab will be determined using the following grading scale:

- 90 –100 = A
- 80 –89 = B
- 75 –79 = C
- 70 –74 = D
- Below 69 = F

VI. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024)

VII. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information

VIII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.