



Course Information

Course Title	Health Science
Course Prefix, Num. and Title	VNSG1505: Health Science
Division	Allied Health
Department	Vocational Nursing
Course Type	WECM Course
Course Catalog Description	An introduction to the general principles of anatomy and physiology, nutrition, and microbiology necessary for understanding body processes and basic principles underlying health promotion and therapeutic interventions.
Pre-Requisites	Admission to the program.
Co-Requisites	Enter Co-Requisites Here.

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	5:4:2
Lab/Other Hours	
Equated Pay Hours	5
Lab/Other Hours Breakdown: Lab Hours	2
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Prepared by:		
Department Head:		
Division Chair:		
Dean/VPI:		
Approved by CIR:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

Organization of the human body, chemistry of life, cell structure and function, body tissues and membranes, the integumentary system, the skeletal system, the muscular system, the nervous system, the body defenses, the respiratory system, the digestive system, the urinary system and excretion, the reproductive system, basic microbiology, nutrition, and medical terminology.

Lab will assist the student to identify organs, tissue, cells of the human body and their location within the body, nutritional needs of the body and sources for nutrients.

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Identify and describe major body structures and functions which comprise the major body systems

Recognize and describe the relationship of nutrition to health and illness across the life span

Identify microorganisms as causative agents in disease

Identify common causes for disease, modes of transmission, and methods of prevention and control

Methods of Assessment:

Unit examinations and laboratory practicals

Required text(s), optional text(s) and/or materials to be supplied by the student:

Required textbooks: Essentials of Human Anatomy and Physiology, 12th edition by Marieb

Anatomy and Physiology Coloring Workbook, 12th edition by Marieb

William's Basic Nutrition and Diet Therapy, 15th edition by Marieb

Student materials to supply: laptop with Wifi ability, pen, #2 pencil, highlighter, paper, colored pencils, index cards

Suggested Course Maximum:

45

List any specific or physical requirements beyond a typical classroom required to teach the course.

Computer with Internet access, anatomical models

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Students are expected to read assignments from textbooks and provided handouts before attending class and utilize correct medical terminology throughout the course. No late assignments are accepted.

Any unit examination taken at a time other than the scheduled time will have 10 points deducted from the grade. The student is responsible for initiating arrangements for late testing; failure to do so will result in a grade of zero (0).

Students will be given one minute per question to complete examinations and the final.

Unit examinations are 65% of the course grade and the comprehensive final examination is 25% of the course grade.

Assignments are 10% of the final grade. Students will be required to complete a project during the nutrition competent of this course which may include providing food samples for the assigned topic. A student must have a 75 course grade to continue in the Vocational Nursing program. A student must have a test average of 75 at the end of the first eight weeks to attend Clinical I experience.

Grading format: 90-100=A;

89-80=B;

79-75=C;

0-74=F.

No grades are rounded up.

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist