Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title – Health Science
Course Prefix and Number – VNSG1505
Department – Vocational Nursing
Division – Allied Health
Course Type: (check one)
☐ Academic General Education Course (from ACGM – but not in WCJC Core)
☐ Academic WCJC Core Course
☒ WECM course (This course is a Special Topics or Unique Needs Course: Y ☒ or N ☐)

Semester Credit Hours #: Lecture hours#: Lab/other hours #: 5:4:2
Equated Pay hours for course - 5

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. 96 contact hours.

Prerequisites/Co requisites – Admission to the program

Approvals – the contents of this document have been reviewed and are found to be accurate.

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<tr>
<th>Prepared by</th>
<th>Signature</th>
<th>Date</th>
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<tr>
<td>Elizabeth Rohan</td>
<td>[Signature]</td>
<td>9-6-10</td>
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<tr>
<td>Department Head</td>
<td>Elizabeth Rohan</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Division Chair</td>
<td>Carol Derkowski</td>
<td>[Signature]</td>
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<tr>
<td>Vice President of Instruction or Dean of Vocational Instruction</td>
<td>Leigh Ann Collins</td>
<td>[Signature]</td>
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I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, 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 sensory system, the endocrine system, blood, the cardiovascular system, the lymphatic system and 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.

II. Course Learning Outcomes

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<tr>
<th>Course Learning Outcome</th>
<th>Method of Assessment</th>
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<tr>
<td>Identify and describe major body structures and functions which comprise major body systems</td>
<td>Written unit tests, lab quizzes</td>
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<tr>
<td>Recognize and describe the relationship of nutrition to health and illness across life span</td>
<td>Written unit test, nutrition project</td>
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<tr>
<td>Identify microorganisms as causative agents in disease</td>
<td>Written unit test</td>
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<tr>
<td>Identify common causes for disease, modes of transmission, and methods of prevention and control</td>
<td>Written unit test</td>
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III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Required:
- Mader’s Understanding Human Anatomy and Physiology, 7th edition
- Unlocking Medical Terminology, 2nd edition
- Nutrition Made Incredibly Easy, 2nd edition

Recommended:
- Anatomy and Physiology Revealed, Version 2 CD
- Workbook to Accompany Anatomy and Physiology Revealed, Version 2 CD
- Medical Terminology Interactive for Unlocking Medical Terminology, 2nd ed.

Materials supplied by the student: pen, pencil, highlighter, Scantron forms, paper, computer access

IV. Suggested Course Maximum - 45

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

Anatomical models

VI. 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 before attending class and utilize correct medical terminology throughout the course. A project for the nutrition unit is required. No late assignments are accepted.

Grading format: 90-100=A, 80-89=B, 75-79=C, 0-74=F. No grades are rounded up.

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). Lab quizzes may not be made up. Any answer sheet or assignment turned in without
student name on all answer sheets or pages will have 10 points deducted from the grade. Students will be given 50 minutes in which to take each unit examination and 110 minutes for the comprehensive final. Unit examinations are 65% of the course grade, lab quizzes are 10% of the course grade, and the comprehensive final examination is 25% of the course grade. A student must have a 75 for the course grade to continue in the Vocational Nursing program.

VII. Curriculum Checklist

☐ - Academic General Education Course (from ACGM – but not in WCJC Core)
   No additional documentation needed

☐ - Academic WCJC Core Course
   Attach the Core Curriculum Checklist, including the following:
   ● Basic Intellectual Competencies
   ● Perspectives
   ● Exemplary Educational Objectives

☑ - WECM Courses
   If needed, revise the Program SCANS Matrix & Competencies Checklist.