



**Course Information**

<b>Course Title</b>	Anatomy and Physiology for Allied Health
<b>Course Prefix, Num. and Title</b>	VNSG 1320: Anatomy and Physiology for Allied Health
<b>Division</b>	Allied Health
<b>Department</b>	Vocational Nursing
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Study of the structure (anatomy) and function (physiology) of the human body, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems.
<b>Pre-Requisites</b>	Admission to the Vocational Nursing program
<b>Co-Requisites</b>	

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	3:3:1
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	3
<b>Lab/Other Hours Breakdown: Lab Hours</b>	1
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	0
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	0
<b>Other Hours Breakdown</b>	0

**Approval Signatures**

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

## 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).

Orientation to the Human Body  
Chemistry of Life  
Cells  
Human Microbiome  
Tissues  
Integumentary System  
Bones and Bone Tissue  
Skeletal System  
Joints  
Muscular System  
Nervous System  
Sense Organs  
Endocrine System  
Blood  
Heart  
Vascular System  
Lymphatic and Immune Systems  
Respiratory System  
Urinary System  
Fluid, Electrolyte, and Acid-Base Balance  
Digestive System  
Nutrition and Metabolism  
Reproductive System  
Heredity

### Course Learning Outcomes:

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

Identify the structure of each of the body systems  
Describe the functions of each body system  
Discuss the interrelationship of systems in maintaining homeostasis

**Methods of Assessment:**

Classroom discussion, examinations, comprehensive final, written assignments

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

The student will supply a laptop with a webcam and microphone for use in class and for testing purposes

Required textbook: Thompson Understanding Anatomy and Physiology: A visual, auditory, interactive approach, 3<sup>rd</sup> edition, by: Gayle Sloan Thompson; published by F.A. Davis, 2020.

Optional text: Study Guide to accompany Understanding Anatomy and Physiology

Optional materials to be supplied by the student: highlighter, paper, pen or pencil

### Suggested Course Maximum:

40

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

Anatomical models

### Course Requirements/Grading System:

Students are required to read the assigned chapters in the textbook before or concurrently with the lectures, class activities. Students will submit a written assignment weekly and have an examination on each learning unit.

The final course grade will be calculated as: 65% test average, 10% assignment average, 25% comprehensive final. No grades are rounded up; no extra credit is available. No assignments are accepted late.

Students must have a 75 test average before any clinical activity. Students will withdraw if their test average is not 75 on the first day of Clinical I (VNSG1160).

### 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