



RANGER COLLEGE
EARLY, TEXAS

COURSE SYLLABUS

**ANATOMY AND PHYSIOLOGY FOR ALLIED HEALTH
VNSG 1320**

3 credit hours

INSTRUCTOR: Mrs. Kathy Davis, RN

INSTRUCTOR: Kathy Davis, RN

EMAIL: kdavis@rangercollege.edu
 OFFICE: Early/Brown County
 PHONE: 325-203-5006
 HOURS: Monday – Thursday: 0800 -1700; Friday: 0800 - 1200

I. Texas Core Curriculum Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

II. Course Description

Introduction to the normal structure of the body including an understanding of the relationship of body systems in maintaining homeostasis.

III. Required Background or Prerequisite

HITT 1205 Medical Terminology *or* HPRS 2002 Medical Terminology for Allied Health

IV. Required Textbook and Course Materials

Scanlon, V.C. and Sanders, T. (2019) *Essentials of Anatomy and Physiology* (8th ed.) Philadelphia, PA: Davis. ISBN 978-0-8036-6937-6.

Williams, L. and Hooper, P. (2015) *Understanding Medical-Surgical Nursing* (6th ed.) Philadelphia, PA: Davis. ISBN 978-0-8036-6898-0.

Required Materials:

| | | |
|---------------------------------|-----------------------------|----------------------|
| Index cards | Highlighters | Map Colors |
| Black pens | Black sharpies | 18 inch plastic doll |
| Pencil (mechanical or standard) | Multi-colored modeling clay | |

V. Course Purpose

A continuation of instruction for student vocational nurses on becoming:

- A member of the nursing profession;
- A provider of patient centered care;
- A patient safety advocate;
- A member of the healthcare team;
- A user of the nursing process in the care of patients experiencing medical/surgical conditions.

VI. Learning Outcomes

- Correlate anatomical structure, function and pathology of body systems with disease processes.
- Integrate body system and disease processes with nursing skills and assessments.
- Identify medical abnormalities related to body systems and symptoms.
- Provide appropriate nursing management and interventions based on assessments and identified clinical changes.
- Identify the basic understanding of the aging process on the human body.

VII. Core Objectives

This course meets the following of the six Core Objectives established by Texas:

Critical Thinking Skills (CT) – Creative thinking, innovation, inquiry, and analysis evaluation and synthesis of information

Communication Skills (COM) – Effective development, interpretation and expression of ideas through written, oral, and visual communication

Empirical and Quantitative Skills (EQS)- The manipulation and analysis of numerical data observable facts resulting in informed conclusions.

Teamwork (TW) – The ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Social Responsibility (SR) – Intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.

Personal Responsibility (PR) – The ability to connect choices, actions, and consequences to ethical decision-making

VIII. Methods of Instruction

Lectures, Power Point, Class Activities, Labs, and Computer Assisted Instruction (ATI).

IX. Methods of Assessment

Chapter Test (5) = 60% of total grade

Assignments (5) = 15% of total grade

Final Exam Grade = 25% of total grade

Grading scale: A = 93 - 100% B = 86 - 92 C = 78 - 85 F = Below 77

All students must achieve an average grade of 78 to remain in the LVN program.

X. Course/Classroom Policies

- Arrive on time!
- Come to class prepared.
- Turn in assignments on time.
- Be honest, dependable and accountable for your actions.
- Follow the student handbook regarding attendance and conduct.
- No phones and/or smart watches in the classroom. Phones/watches must be turned in at the beginning of class and may be picked up during breaks or after class.
- Email will be responded to within 24 - 48 hours during the week. Emails received on Saturday/Sunday will be responded to on Monday.

XI. Course Outline/Schedule

| Week | Content | Topic | Exams | Assignments | Assignments Due |
|------|-----------------------------------|--|--------------------------|---|---|
| 1 | Syllabi Chapter 1 Chapter 2 | Organization Level Basic Chemistry | | | |
| 2 | Chapter 3 Chapter 4 | Cells Tissues | | | |
| 3 | Chapter 5 | Integumentary | Exam #1 (Ch. 1-4) | ATI – Learning 2.0 Dermatology Quiz | |
| 4 | Chapter 5 | Integumentary | | | ATI Assignment Due: Dermatology Quiz |
| 5 | Chapter 6 | Skeletal | Exam #2 (Ch. 5) | ATI – Learning 2.0 Musculoskeletal Quiz | |
| 6 | Chapter 6 | Skeletal | | | |
| 7 | Chapter 7 | Muscular | Exam #3 (Ch. 6) | | |
| 8 | Chapter 7 | Muscular | | | ATI Assignment Due: Musculoskeletal Quiz |
| 9 | Chapter 8 | Nervous | Exam #4 (Ch. 7) | ATI – Learning 2.0 Neurosensory | |
| 10 | | Home Assignment | Home Assignment | Home Assignment | |
| 11 | Chapter 8 | Nervous | | | Home Assignment Due: |
| 12 | Chapter 8 | Nervous | | | |
| 13 | Chapter 9 | Senses | | | |
| 14 | | Thanksgiving Holiday | | | |
| 15 | Chapters 8 & 9 | Exam #5 (Ch. 8 & 9) Comprehensive Review | | | ATI Assignment Due: Neurosensory A&P Doll Due |
| 16 | | Comprehensive Final Exam | | | |

Course schedule is subject to change.

XII. Non-Discrimination Statement

Admissions, employment, and program policies of Ranger College are nondiscriminatory in regard to race, creed, color, sex, age, disability, and national origin.

XIII. ADA Statement

Ranger College provides a variety of services for students with learning and/or physical disabilities. Students are responsible for making initial contact with the Ranger College Counselor, Gabe Lewis (glewis@rangercollege.edu). It is advisable to make this contact before or immediately after the semester begins.