

COURSE SYLLABUS

VNSG 1420 (0:0:1)

**ANATOMY AND
PHYSIOLOGY
FOR ALLIED HEALTH**

**VOCATIONAL NURSING DEPARTMENT
HEALTH OCCUPATION DIVISION
LEVELLAND CAMPUS**

SOUTH PLAINS COLLEGE

Summer 2019

Levelland Campus

COURSE SYLLABUS

COURSE TITLE: *Anatomy and Physiology for Allied Health; VNSG 1420*

CLASS TIMES: *Monday/Wednesday 0900-1100*

INSTRUCTOR:

Janet Hargrove, RN, BSN

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OFFICE HOURS: *By Appointment*

SOUTH PLAINS COLLEGE IMPROVES EACH STUDENT'S LIFE

I. GENERAL COURSE INFORMATION

A. COURSE DESCRIPTION (WECM):

The study of the structure (anatomy) and function (physiology) of the human body, including the neuro, endocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems.

B. STUDENT LEARNING OUTCOMES (DECS)

Upon completion of this course, the student should:

- 1. Identify how the cavities, organs, and body alignment play a role in the organization of the body.*
- 2. Explain how chemical elements keep the body in balance and functioning.*
- 3. Identify cells and their functions.*
- 4. Identify the different tissues and how the function in the body.*
- 5. Discuss the functions and importance of the skin.*
- 6. Explain how bones are "alive" and grow, identify specific bones, how they function and their necessity to the individual.*
- 7. List certain major muscle groups and how they function within the body.*
- 8. Explain and discuss functions of the different divisions of the nervous system.*
- 9. List the major parts of the eye and the ear, and have a basic understanding of the senses as well as their importance to the body.*
- 10. Discuss basic glandular functions and how they affect the body.*
- 11. Discuss the different parts of the blood and the function of each.*
- 12. Describe how the heart functions.*
- 13. Explain the vessels, their locations, and function.*

14. Discuss the basic function of how the lymph system works and its importance.
15. Discuss the different divisions of the respiratory system and how it functions.
16. Explain the divisions, locations, and functions of the digestive system.
17. List the basic purpose of metabolism and its importance in relation to the different functions of the body.
18. Discuss the location and function of the urinary system and its importance in maintaining homeostasis.
19. Explain basic function and how the body maintains homeostasis through chemical exchanges.
20. Locate and state basic functions of the different parts of the reproductive system.
21. Discuss the basic role of microbiology, nosocomial infections and infection control.
22. Discuss and pronounce correctly terminology used in text.
23. Be present and punctual for all classes with no more than 3 (three) absences.
(C-5, C-6, C-7, C-8, C-15, C-16, C-17, C-18, C-19, C-20) (F-1, F-2, F-7, F-8, F-9, F-10, F-11, F-12)

Specific goals/objectives of this course -- the student will be able to:

- ✦ Define the terms Anatomy and Physiology.
- ✦ Describe the normal structure and function of the systems of the human body.
- ✦ Develop an understanding of the holistic nature of the human species.
- ✦ Utilize vocabulary consistent with terminology pertaining to the anatomical structure and function of the body.

C. COURSE COMPETENCES:

Grading Scale:

A	100-90
B	89-80
C	79-77
D	70-76
F	69 and below
I	Incomplete

Below 77 is failing

D. ACADEMIC INTEGRITY:

Please refer to SPC Catalog and Vocational Nursing Student Handbook.

E. SCANS AND FOUNDATION SKILLS:

C5

F1, 8, 9, 10, 12

F. VERIFICATION OF WORKPLACE COMPETENCIES:

No external learning experiences provided.

II. SPECIFIC COURSE/INSTRUCTOR REQUIREMENTS

A. MANDATORY TEXTBOOKS:

1. Memmler, (2005). The Human Body in Health and Disease, 14th Ed, Lippincott. Williams Wilkins.
2. Memmler (2005). Study Guide for The Human Body in Health and Disease, 14th Ed, Lippincott, Williams & Wilkins.

***You must purchase a new copy of the study guide as homework assignments will be turned in from this textbook. Should a student turn in a portion of a homework assignment that has been written on or graded, the student will receive a "0" for that assignment.

3. Taber's Cyclopedic Medical Dictionary, 21st Ed., (2009).

B. ATTENDANCE POLICY

(64 Hours) Students are expected to attend all classes and to remain for the entire class period. Attendance will be taken at the beginning of class.

Any absences and tardies occurring in this short course can have a serious effect on the student's ability to complete the course objectives. Three (3) tardies count as one (1) hour's absence. A student missing more than 8 hours of this course will be automatically withdrawn from the course.

***Student's must be in their seat when unit exams are started. The instructor WILL NOT allow a student to enter the class once a test has begun. The student may return to class once the exam is complete and lecture has started.

***Pop Quizzes are given in the first 10 minutes of class, unless otherwise noted. Students will not be allowed to take the quiz once it has started.

C. ELECTRONIC DEVICES

Recording lectures, presentations, and discussions is **NOT permitted**. You may opt to use an e-reader instead of a traditional textbook, however, if you are using your device for things other than assigned reading or assignments during class that causes other students to become distracted, you will be asked to put your device away or to refrain from bringing it to class

CELL PHONES ARE NOT ALLOWED DURING CLASS TIME!!!! If you are caught texting during class, you will be asked politely once to refrain, after that you will be asked to leave the classroom and will not be allowed to return that class period. This will be counted as an absence.

YOU MAY NOT HAVE YOUR ELCTRONIC DEVICE OR CELL PHONE WITH YOU WHEN TESTING!!!! All students will be required to turn phones completely off or on silence during test. If your phone makes noise (either a ringtone or vibration) during a test, the student will be asked to turn in their test and leave the testing area. The test will be graded “as is” and that will be the score given for that specific unit exam.

D. ASSIGNMENT POLICY:

Students are expected to read the assigned chapters prior to lecture time.

All class work and exams are to be completed in the assigned semester. Failure to complete assignments will result in a grade of “O”.

There will be an exam after the completion of each assigned unit and a comprehensive final exam at the end of the course

There will be no make-up test. If a test is missed, the student will receive a “O” for that test. Before the unit tests are averaged the lowest mark received by the student on a unit test will be dropped.

You are expected to complete the A&P workbook in conjunction with the assigned units for homework grades, **AS ASSIGNED**. See the class schedule for homework assignments. All homework should be clocked in and placed in the basket on the counter at the beginning of class. Any homework turned in **AFTER** the beginning of class **WILL** be considered late and points will be deducted as per policy. Homework should **ALWAYS** be clocked in, whether on time or late. Ten (10) points will be deducted for every scheduled class day homework is late. The faculty will **NOT** accept homework that is more than three (3) scheduled class days late. If not submitted within this time frame, the student will receive a “O” for the assignment.

E. GRADING POLICY/METHODS OF EVALUATION:

Chapter Exams	65%
Final Exam	20%
Quizzes and Assigned Homework	15%

Format for unit exams is mainly multiple choice questions. Diagram(s) **WILL** be included on most unit exams. The faculty will advise the student of the expected diagram during lecture.

For homework assignments, you are NOT required to complete the coloring or shading portions of the assignment AND you are NOT required to complete the short essay or conceptual thinking portions in the study guide.

No extra credit may be obtained.

You ***MUST*** pass this course with a ***77*** to be admitted into the Vocational Nursing Program.

F. REMIND.COM

Each student is encouraged to subscribe to remind.com for specific instructions and updates for this specific class. Once the student subscribes, should there be any changes or additions to the class schedule or material, a text message will be sent via remind so that all students are notified of the change.

III. ACCOMMODATION

South Plains College strives to accommodate the individual needs of all students in order to enhance their opportunities for success in the context of a comprehensive community college setting. It is the policy of South Plains College to offer all educational and employment opportunities without regard to race, color, national origin, religion, gender, disability, or age (SPC Equal Opportunity Policy – general catalogue).

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Diversity: In this class, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements can be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit with the Disability Services Offices at Levelland Student Health and Wellness Center 806-716-2577, or the Health and Wellness main number 806-716-2529.

Campus Concealed Carry syllabus statement: Campus Concealed Carry - Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the SPC policy at:

(http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.php)

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

Honesty Policy

*****ANY/ALL** violations of the honesty policy will result in dismissal from the class.

This policy covers the violations of cheating during testing, plagiarizing another's work, and falsifying records.

*****Testing Violations**

1. The instructor(s) control(s) the option of seating arrangement, movement within the classroom, students leaving the room, and stopping an exam for a violation of the honesty policy.
2. All books, papers, notebooks, and personal belongings (including any electronic communication devices) will be left in the classroom prior to entering the computer lab for testing.
3. Any information found on or in the immediate vicinity of an individual during a testing situation will be grounds for termination of his/her testing. A grade of zero (0) will be recorded and averaged into the final grade.
4. Any verbal, nonverbal, or electronic communication between students during a testing situation will be grounds for termination of his/her testing. A grade of zero (0) will be recorded and averaged into the final grade.

5. *Should a student need to communicate with the instructor, he/she should remain seated and raise his/her hand.*
6. *If additional information comes to light following completion of a testing session, including cheating that has occurred, then a grade of (0) will be recorded for the test and averaged into the final grade.*

*****Plagiarism Violations**

1. *A student found guilty of plagiarism will be dismissed from the program. This includes the plagiarizing the work of another author, professional, or peer.*

[types of plagiarism include, but not limited to, copying material without quotes, in-text citations, and/or referencing, paraphrasing content without in-text citation and/or referencing, copying ideas, words, answers, exams, or shared work from others when individual work is required, using another's paper in whole or in part, allowing another student to use one's work, and claiming someone else's work is one's own.]

*****Record Falsification Violations**

1. *Alteration or falsification of records is a violation of the honesty policy and the student will be dismissed from the program.*

IV. COURSE OUTLINE

Each Chapter should be read prior to lecture. Review objectives for each chapter in text. Know key terms from each chapter. These terms will not be defined during the test. Quizzes may or may not be announced by instructor. Homework grades come in the form of assigned chapters from the study guide as they coincide with the current unit of study. Homework is due on the morning of the coinciding unit exam. Any homework turned in after 0900 will be considered late. Ten (10) points will be deducted from the final homework grade for every day it is turned in late. Content may be changed at the discretion of the instructor depending upon how fast or slow the material is covered. The instructor will inform the class in advance when changes are made to the course outline.

UNIT I The Body as a Whole

Chapter 1- Organization of the Human Body

Chapter 2/3 – Specific portions of chpt 2-3 will be presented. See power points.

Chapter 4- Tissue, Glands, and Membranes

TEST #1 CHAPTERS 1, 2/3, 4

HOMEWORK – CHPT 1, 4

UNIT II Disease and the Integumentary System

Chapter 5-Disease and Disease-Producing Organisms

Chapter 6- The Integumentary System

TEST #2 CHAPTERS 5, 6

HOMEWORK – CHPT 6

UNIT III Skeleton

Chapter 7- The Skeleton

TEST #3 CHAPTER 7

HOMEWORK – CHPT 7

UNIT IV Muscles

Chapter 8- The Muscular System

TEST #4 CHAPTER 8

HOMEWORK – CHPT 8

UNIT V Circulation

Chapter 14- The Heart and Heart Disease

Chapter 15- Blood Vessels and Blood Circulation

NOTE 5 P's of Circulatory Checks

P Pain

P Paresthesia

P Paralysis

P Pulse

P Pallor

TEST #5 CHAPTERS 14, 15

HOMEWORK – CHPT 14, 15

UNIT VI Respiratory System

Chapter 18- Respiratory System

TEST #6 CHAPTER 18

HOMEWORK – CHPT 18

UNIT VII Digestive System

Chapter 19- Digestion

Chapter 20- Metabolism, Nutrition, and Body Temp

TEST #7 CHAPTERS 19, 20

HOMEWORK – CHPT 19

UNIT VIII Fluids

Chapter 21- Body Fluids

Chapter 22- Urinary System

TEST #8 CHAPTERS 21, 22

HOMEWORK – CHPT 22

UNIT IX Neuro

Chapter 9- Nervous System

Chapter 10- The Brain and Cranial Nerves

TEST #9 CHAPTERS 9, 10

HOMEWORK – CHPT 9, 10

UNIT X Endocrine

Chapter 12- Endocrine System, Glands and Hormones

TEST #10 CHAPTERS 12

HOMEWORK – CHPT 12

*****Chapter 13 may be included in this semester if time allows.**

UNIT XI Reproductive System

Chapter 23- Male and Female Reproduction

Chapter 24- Development and Birth

TEST #12 CHAPTERS 23, 24

HOMEWORK – CHPT 23, 24

COMPREHENSIVE FINAL EXAM

**To Join Mrs. Hargrove's
VNSG 1420 Fall 2018 class**

text [@ff2ahk](https://www.remind.com/@ff2ahk) to 81010

OR

**If you have a smartphone, get push
notifications.**

**On your iPhone or Android phone,
open your web browser and go to
the following link:**

[rmd.at/ff2ahk](https://www.remind.com/rmd.at/ff2ahk)

**Follow the instructions to sign up
for Remind. You'll be prompted to
download the mobile app.**

[rmd.at/3k476](https://www.remind.com/rmd.at/3k476)

[Join VNSG 1420 A&P](#)

**Please see Mrs. Hargrove if you have trouble
subscribing to [remind.com](https://www.remind.com) for class news.**

VNSG 1420
Syllabus Attestation

I, _____, have read and understand the expectations for VNSG 1420
(Anatomy & Physiology) from the Spring 2019 syllabus.

Student _____ Date _____