



VOCATIONAL NURSING PROGRAM

VNSG 1320

ANATOMY AND PHYSIOLOGY FOR ALLIED HEALTH

SPRING 2022

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**BRAZOSPORT COLLEGE
VOCATIONAL NURSING PROGRAM
VNSG 1320
ANATOMY & PHYSIOLOGY FOR ALLIED HEALTH**

Course Information

1. Course Name: Anatomy and Physiology for Allied Health
2. Course Number: VNSG 1320 Anatomy and Physiology for Allied Health. CIP 5139010018 3cr (3 lecture, 0 labs,)
3. Classroom: ONLINE
4. Class Day(s) & Time: See Daily Schedule (ASYNCHRONOUS)

Faculty

Lea Ann Quave DNP, MSN-Ed., RN
Office: HS 100-H
Office phone number: 979-230-3602
Email address: LeaAnn.Quave@brazosport.edu
Office hours: 2pm-5pm Monday, Wednesday by appointment and 9:00am-5:00pm Tuesdays by appointment. Please use email for faster response. Please allow instructor 24 hours to respond to emails.

Course Description and Core Content

Introduction to normal structure and function of body including relationship of body systems maintaining homeostasis. A study of the circulatory, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. Through a variety of online laboratory activities students will have the opportunity to learn the anatomy of these organ systems and participate in online activities which demonstrate key concepts associated with these organ systems specific to those who will work in Allied Health.

STUDENT LEARNING OUTCOMES

At the completion of this course the beginner student will be able to:

1. Use anatomical terminology to identify and describe locations of major organs of each system covered.
2. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
3. Describe the interdependency and interactions of the systems.
4. Explain contributions of organs and systems to the maintenance of homeostasis.
5. Identify causes and effects of homeostatic imbalances.
6. Describe modern technology and tools used to study anatomy and physiology.
7. Locate and identify anatomical structures.
8. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations and predictions.

REQUIRED TEXTBOOKS AND RESOURCES:

Colbert, B. J., Ankey, J., Lee, K. T. (2020). *Anatomy & Physiology for the Health Professions: An Interactive Journey* (4th ed.) New Jersey: Pearson Education

This will also include the online course.

Equipment: Reliable access to computer, high-speed internet.

“Required and recommended course materials are available at the Brazosport College bookstore, on campus or online at <http://www.brazosport.edu/bookstore>. A student of this institution is not under any obligation to purchase a textbook from the college bookstore. The same textbook is/may also be available from an independent retailer, including an online retailer.”

EMAIL

Students are expected to use and check their Brazosport College email address at least twice daily. Your Brazosport College email is the official form of communication. Other email address formats are unacceptable and unreliable. Important information will be conveyed to students via email. Students may contact Information Technology at (979) 230-3266 to report problems with email or college issued computers. Problems with email do not excuse any student from information conveyed via college email.

STUDENT RIGHTS AND RESPONSIBILITIES

1. Education is a cooperative effort between the expertise of the Faculty and willingness of the student to learn.
2. The Nursing Faculty believes that you, the student, have certain rights when you enroll in the Nursing Program as well as responsibilities.

You have a right to:

1. Accurate, organized, relevant, cohesive and quality nursing education and materials.
2. Faculty who are knowledgeable, clinically experienced, up-to-date, and able to communicate information effectively.
3. Quality classroom instruction that is punctual, clearly communicated, stimulating, and presented in a positive learning environment that is free of bias and/or hazards.
4. Quality clinical instruction that is safe, provides a variety of experiences, and guides you toward effective nursing practice.
5. Fair, impartial, and prompt evaluation of your performance, both theory and clinical.
6. Support services to facilitate your participation in the learning process.
7. Regular availability of your Faculty (scheduled office hours) for advice and assistance with academic or clinical matters.

You have a responsibility to:

1. Be in charge of your own learning (which includes adherence to the Brazosport College Vocational Nursing Program attendance policies). Commit yourself to learning, through whatever means assist you. There are resources provided for you, however you are encouraged to use other learning resources that will assist you in being successful in this course. Be aware of your strengths and weaknesses as a learner.
2. Be an active participant in all learning experiences.
3. Learn from the expertise and knowledge of the Faculty. Be prepared for all independent online modules and online simulations, submit all assignments as scheduled.
4. Access modules promptly and regularly. Be attentive to online classroom activities, avoid procrastinating when completing assignments. The modules will count as your attendance to class. As all assignments have strict due dates so that grades may be entered in a timely fashion.
5. Follow accepted standards of behavior for nurses as well as Brazosport College codes and standards for behavior on and off the campus. Be prompt and reliable for all assignments and activities.
6. Allow sufficient time for the Faculty to grade assignments with fairness and thoughtfulness. Make appointments with Faculty to discuss grades, issues and concerns.

Learning Strategies

Learning strategies used in the course may include lecture, unfolding case studies, demonstrations, simulation, large and small group work and discussion, guest presentations, web-based activities, exams, quizzes, models, and computer software programs to enhance student learning.

COURSE REQUIREMENTS, EVALUATION METHODS, AND GRADING CRITERIA

COURSE REQUIREMENTS

Required Skill Level

College level reading.

Academic Honesty Policy

Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty including, but not limited to, cheating, plagiarism, and collusion shall be treated appropriately. Please refer to the Brazosport College Student Guide for more information. This is available online at <http://www.brazosport.edu>.

Academic dishonesty violates both the policies of this course and the Student Code of Conduct. In this class, any occurrence of academic dishonesty will be referred to the Dean of Student Services for prompt adjudication, and may, at a minimum, result in failure of this course. Sanctions may be imposed beyond your grade in this course by the Dean of Student Services.

Attendance and Withdrawal Policies

Students are expected to attend all scheduled classes, required events, and clinical experiences. Participation is integral to learning. Students must use discretion in missing online/modules. Students are required to notify instructor regarding class absence **ahead** of time. **There is no leave of absence in nursing or any health professions program. Students must be conservative in use of absences/tardiness.**

If you will be absent from a class/module, the appropriate instructor must be notified via e-mail.

Students will be counseled and if warranted will be placed on probation with consequences listed for the next occurrence. In extraordinary circumstances, the program chair may consider extenuating circumstances and allow a student meeting all other programs and course requirements to continue. The Program Chair initiates withdrawal of any absent student who ceases to attend classes without withdrawing from courses. The student may receive a failing grade for all courses they are enrolled in. Course withdrawal policies follow those put forth by the college and those found in the Vocational Student Handbook.

If student wishes to withdraw from course the last day for withdrawal is March 31, 2022.

*****The above is the attendance policy for the nursing program. We will adhere to the colleges policies on absences. Since some students may not be in the nursing program, and this is an online course; if weekly modules are not completed students will be counted absent. Accessing assignments and completing them counts for the student attending class. Students are responsible for all class work missed during any absence. Proper grades for missing assignments will apply and student will receive a zero. AFTER 3 MISSED WEEKLY MODULES STUDENT WILL BE COUNSELED (FOR ABSENCES), AND MAY BE WITHDRAWN FROM THE COURSE.*****

Preparation for Class

Students must complete all written and reading assignments prior to accessing modules (See course schedule for topics and resources). Be prepared and participate in **online:** activities, quizzes, modules, simulations, pre/posttest or any other assignments the faculty requires. Failure to complete required assignments may result in earned grade of zero for participation and student will be counted absent for that week.

EVALUATION METHODS

Content mastery is assessed through written and/or computerized exams, quizzes, written assignments, presentations, normed assessments, critical thinking activities, and application via patient scenarios.

GRADING CRITERIA**Grade Scale**

The Brazosport LVN Program uses the following grading scale throughout the program

A = 90-100 B= 80-89 C= 75-79 D= 70-74 F= 69.9 or below

A minimum grade of 70 is required to pass this course. Please be mindful that Anatomy and Physiology is required in order to get into the LVN Program. Grades earned that are lower than B may decrease the student's chance of being accepted into the LVN Program. Final grades less than 70% are not rounded up (69.9% will not be rounded up to 70%). A grade of 69.9% or less is failing. Grades are earned by the student based upon graded performance. Grades are not inflated or curved in this course. Students with grade dependent scholarships are responsible for earning required grades. Faculty members will not inflate or adjust grades or provide special assignments for students with scholarship or other financial return based on grades. Requesting faculty members to adjust grades is considered unprofessional behavior.

Course Grade

The final grade for this course is derived from the following components:

Exams (7)	50%
Final Exam	20%
Quizzes	10%
Homework	20%

Assignments, Class Participation

Students must complete all written and reading assignments prior to class (see course schedule for topics and resources), be prepared, and participate in online learning activities. Participation will include, but is not limited to, all pre and posttests that are included with assigned module, class notes/outlines, and written assignments. All assignments, notes/outlines, pre and posttests must be completed by the end of the week. Any missing assignments will result in grade of zero.

Remediation Requirements

Students who earn less than 70% on any exam may be asked to complete online remediation and sign a counseling statement. Remediation may vary by chapter; however, the following methods may be utilized for remediation: adaptive quizzing, discussion questions, case studies, etc.

Assignments

Students will receive a schedule for the class that list when assignments, exams, modules, etc. are due. All written assignments are DUE the date and time designated by the instructor. No late work is accepted

after due date and time. The student is still responsible for turning in the assignment regardless of whether the grade resulted in a zero. Failure to turn in assignments could result in course failure.

FACULTY RESERVE THE RIGHT TO CHANGE THE SCHEDULE AS NEEDED

Make-up Course work and Exam Policy

Extra credit assignments are not used to increase exam averages and cannot be factored into exam scores.

When using D2L for exams:

Students will have a 24-hour window to take the exam on the assigned day. Once an exam begins, the student may not exit the exam. Instructors will be monitoring exam exits and they will be treated as academic dishonesty. Exams are timed at 1.5 minutes per question, no extra time is allowed. Once the time runs out the exam will shut down. Any questions not answered will not be given credit. Students may **NOT** pause or exit the exam once it begins. Extra time is not awarded. **Respondus Lockdown Browser and Respondus Monitor are required for every exam.** If a student encounters a technical difficulty at any time, they must immediately email the lead instructor and notify them of the specific issue experienced with a screenshot if possible. Once the instructor has been emailed and made aware of the issue with the exact time of the issue, the student may attempt to open the exam back up and resume the exam.

Students using Respondus Lockdown Browser with Chromebook will have special instructions.

Your instructor will get with you individually to assist you with downloading the proper lockdown browser.

When using Pearson Vue for exams:

Your exams for this course will be administered in Pearson Vue. Students with questions or computer issues should contact IT support for Pearson Vue and contact the faculty member via email with screenshot. After these steps are completed, the student may attempt to resume exam.

General information about exams:

All books, papers, computers, purses, phones, hats, drinks, food, gum, and other identified items are not permitted in during testing. No items are permitted on desks during exams, except pens/pencils and a blank sheet of paper. Calculators may be allowed at faculty discretion. Talking is not permitted and will be treated as academic dishonesty.

No extra time is allowed for late students. If the student begins an exam close to when exam time is to close, the student will only be allotted the remainder time that the exam is posted, for completion.

Students may NOT leave or submit exam once exam begins and return to it. Once exam is submitted or has timed out students will receive the grade that Pearson Vue has given or if exam is administered via D2L, that grade will be given. Extra time is not awarded. No exceptions.

Students must notify faculty of absence prior to a missed exam and schedule a make-up exam. Other missed or untaken exams/assessments earn a zero. **No late work will be accepted.** Make-up assessments will be administered per instructor preference. Instructor may require students to schedule testing time in the Learning Center. Students must abide by Learning Center rules. **Exams must be made up prior to taking the next exam.** Makeup exams must not be completed during scheduled class hours. If the exam is not completed according to guidelines, the student earns a zero.

After comprehensive review and analysis, grades are posted. Exam grades are generally posted (ready) at beginning of the subsequent week. Any item challenges must be submitted via email providing item subject, rationale for alternate correct answer, and cited reference for rationale within 24 hours after

exam. Verbal challenges will not be accepted. Reviews may be done online through your online resource. Any unprofessional behavior will halt the review. Exam review may or may not be done after exam at the discretion of the faculty. Review format is left to instructor. Faculty decisions are final.

Transitional Education and Supplemental Instruction Resources

Supplemental Instruction Leaders (SI leaders) are located on the second floor of the Sadler Building in HS.224. For more information contact the SI Coordinator: Jenni.Jones@brazosport.edu

FREE TUTORING!! The Student Success Center at Brazosport College offers FREE TUTORING for enrolled BC students.

For more information call the Student Success Center Main Desk at 979-230-3184.

Statement of Equal Opportunity

It is the policy of Brazosport College not to discriminate on the basis of gender, disability, race, creed, color, age, and national origin in its educational and vocational programs, activities, or employment as required by Title IX, Section 504 and Title VI.

Student Conduct Statement

Students are expected to be aware of and follow the Brazosport College Student Code of Conduct. Students have violated the Code if they “fail to comply with any lawful directions, verbal or written, of any official at BC.” Lawful directions include precautions and requirements taken to prevent the spread of COVID-19 at Brazosport College. Students who do not follow safety requirements, including the wearing of a mask, may be removed from class by their instructor and referred to the Dean of Student Services.

Students with Disabilities

Brazosport College is committed to providing equal education opportunities to every student. BC offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software to assist students with special needs. For student to receive any accommodation, documentation must be completed in the Office of Disability Services. Please contact Phil Robertson, Special Populations Counselor at 979-230-3236 for further information.

Title IX

Brazosport College faculty and staff are committed to supporting students and upholding the College District’s non-discrimination policy. Under Title IX and Brazosport College’s policy FFDA (Local), discrimination based on sex, gender, sexual orientation, gender identity, and gender expression is prohibited. If you experience an incident of discrimination, we encourage you to report it. While you may talk to a faculty or staff member at BC, please understand that they are “Responsible Employees” and must report what you tell them to college officials. You can also contact the Title IX Coordinators directly by using the contact information below. Additional information is found on the Sexual Misconduct webpage at www.brazosport.edu/sexualmisconduct.

Mareille Rolon, HR Coordinator and Title IX Coordinator
Office C-114; 979-230-3303; mareille.rolon@brazosport.edu

FERPA

The federal Family Educational Rights and Privacy Act (FERPA) of 1974 protects the privacy of educational records, establishes the right of students to inspect or review their educational records, and

provides guidelines for the correction of inaccurate or misleading data. In compliance with this act, the college may release to the general public the following types of directory information without the written consent of the student: (1) student's name, address, telephone listings, (2) date of birth, (3) major field of study, (4) participation in officially recognized activities and sports, (5) dates of enrollment, (6) degrees and awards received, and (7) most recent previous institution attended. By making a written request to the Registrar's Office, the student may request that any or all of this information be withheld from the public. The student must make this request by the last official day to register for a given semester. The request applies to the current semester only. The student must authorize the release of any additional information pertaining to his or her records.

The Registrar's Office is the repository of students' college records. The staff of the Registrar's Office will supply students with information related to their college records and refer those students requiring additional assistance to the proper college office or official.

HIPAA

Students are accountable and responsible for maintaining strict confidentiality of patient information. Breach in confidentiality results in disciplinary action and possible dismissal from the nursing program. Patient confidentiality includes oral, written and electronic communication. The Health Insurance Portability and Accountability Act (HIPAA), is a Federal law which prohibits unauthorized disclosure of private patient information. HIPAA provides both civil and criminal penalties for violations that range from fines of \$250,000 and 10 years in prison.

Students should inform family members of the program's privacy policy. Student information of any kind is not discussed or released to any family member. Family, friends, children, relatives, or any other non-program related persons are NOT permitted at college, in class, at clinical, or at any other program event, unless specifically invited.

OTHER STUDENT SERVICES INFORMATION

Information about the Library is available at www.brazosport.edu/~lib/Information.htm or by calling 979-230-3310.

Campus Closure Statement

Brazosport College is committed to the health and safety of all students, staff, and faculty and adheres to all federal and state guidelines. The College intends to stay open for the duration of the semester and provide access to classes and support services on campus in the safest way possible. The College will also comply with lawful orders given by applicable authorities, including the Governor of Texas, up to and including campus closure. It is possible that on campus activities may be moved online and/or postpone if such orders are given.

Covid-19 Statement

The statement below is intended to clarify recommended safety protocols to be followed while on campus, including but not limited to wearing masks, maintaining social distancing, etc. Also included are the specific steps students are required to follow if a student tests positive for Covid-19 or are exposed to an active case.

At Brazosport College, all of us, including faculty, staff, and students, share a common goal this semester, to keep our classes running in the safest manner possible and avoid any disruption to your progress in achieving your educational and career goals. To that end, we ask and encourage you to conduct yourself in the following manner while on campus this semester:

- Every day, perform a self-health check prior to coming to campus and stay home if sick.

- To the greatest extent possible, maintain your distance between you and other students, faculty, and staff while on campus.
- Wear a properly fitted face covering over your mouth and nose while indoors on campus. If you do not have a mask, they will be available to you in all classrooms this fall.
- Practice good hygiene, washing your hands regularly and/or using hand sanitizer.
- The most effective way to protect yourself from Covid-19 is through vaccination. The vaccine is readily available and at no cost to you. Vaccine information and availability can be found at <https://brazosport.edu/coronavirus/vaccine/>.

If at any time this semester you begin to experience Covid symptoms, or if you are exposed to someone who has tested positive for Covid-19, please take the following steps:

- Stay home if you're feeling sick and minimize your contact with others.
- Alert the College by completing the Covid-19 Exposure Report Form online at <https://brazosport.edu/coronavirus/report/>. Be sure to provide accurate contact information, including a working phone number that you will answer.
- After submitting the report, you will be promptly contacted by a member of our Rapid Response Team, who will ask you some specific questions about your situation and provide you with guidance moving forward.
- If it is determined that you should not come to class, your instructor will be notified. **Please know that your instructor will consider course adjustments and potential make-up work only if your case has been reported to Brazosport College, and they've been notified by our response team.** Your instructor will work with you to determine how to manage any make-up work.

While walk-ins are available, your visit will be easier if you pre-register by creating an account at www.mychn.org. In addition to providing health and behavioral services, CHN also provides COVID vaccinations and testing. All insurance is accepted, and healthcare is provided on a sliding scale including no cost for those who need it.

Throughout the semester, please regularly check the College's Covid-19 information page at <https://brazosport.edu/coronavirus/>, where the latest updates and guidelines will be posted. As members of the BC community, all of us share a responsibility to each other to be as safe as possible.

Writing Center

Located within the Student Success Center (second floor of the main building above the counseling and registration office) is the Brazosport College Writing Center. The Writing Center provides drop-in tutoring Monday – Thursday 9 am – 8 pm and Friday 9 am – noon. Online tutoring and other times are available by appointment. The Writing Center can assist with brainstorming, organizing and developing paragraphs, understanding professors' directions, learning about MLA or other styles, learning how to avoid plagiarism, improving mechanics, using Microsoft Word, becoming an even stronger writer, and much, much more. Check out our growing collection on handouts, videos, and other online resources, too.

Math Center

Located within the Student Success Center (second floor of the main building above the counseling and registration office) is the Brazosport College Math Center. The Math Center provides drop-in tutoring Monday – Thursday 9 am – 8 pm and Friday 9 am – noon. The Math Center can assist with transitional math, college algebra, trigonometry, accounting, statistics, calculus, and every other math course offered at the college. Check out our growing collection on handouts, videos, and other online resources, too.

The Student Services provides assistance in the following:

Counseling and Advising	979-230-3040
Financial Aid	979-230-3294
Student Activities	979-230-3355

To reach the Information Technology Department for computer, email, or other technical assistance call the Helpdesk at 979-230-3266.

Changes to the syllabus may be made at any time at the discretion of the faculty. Student will be notified of the change. Student acknowledgement of the change(s) will be obtained in written form and retained in student permanent file.



Get the information you need – when you need it. Click <http://geni.us/BRAZO> to install **BC Connect** on your mobile device to receive reminders, explore careers, map your educational plan, be in the know about events, find out about scholarships, achieve your goals and much more.

REVISED 01/22



Syllabus Receipt Acknowledgement

VNSG 1320 Anatomy and Physiology

I received and read the syllabus, course requirements, required text, equipment, and materials for **VNSG 1320 Anatomy and Physiology**

My questions have been answered and clarified. I will seek clarification if needed. I understand there are no verbal contracts. Instructors may change the syllabus as needed to meet course and program outcomes. I am accountable and responsible for all syllabus information.

Student print name / date

Student sign name / date

Retained in student permanent file