**WAYLAND BAPTIST UNIVERSITY**

**WBUonline**

**SCHOOL OF MATHEMATICS & SCIENCES**

# WAYLAND MISSION STATEMENT:

Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success and service to God and humankind.

# COURSE NO. & TITLE:

BIOL2409 Spring2 1st8wks2021 VC01;

Fundamentals of Human Anatomy & Physiology II

# TERM:

Spring 2 2021

# INSTRUCTOR:

Dr. Tricia Ritschel-Trifilo

Phone or text: 325-518-1495. (email or text preferred; calling is OK)

Email Address: [trifilot@wbu.edu](mailto:trifilot@wbu.edu)

Office: online

Office Hours: as needed. But am online most days during Central time work hours.

# CATALOG DESCRIPTION:

Designed for students preparing for application to nursing school or those allied health programs accepting lower-level anatomy and physiology as prerequisites. Topics covered in semester 1 of the two-semester sequence will include introductory concepts; structure and function of the human body and its major organs; anatomy and physiology of the skeletal, muscular, and neural systems; basic interrelationships involved in these organ systems as found in a normal human body; and representative disease processes affecting the normal function of these body systems.

Students who have successfully completed a higher-level human anatomy and physiology course may not take this course for credit toward their degree.

# PREREQUISITES:

BIOL2408, BIOL 3408, or instructor approval.

# REQUIRED TEXTBOOK:

Visual Anatomy & Physiology with **Mastering A&P Access Card (REQUIRED)**

Martini, et.al.; 3rd ed.; Pearson; ISBN: 978-0134394695

When you enrolled in this course you were automatically charged for the eText and courseware for this course. You may opt out of the service and purchase the text separately (see below) – but you must do so by March 29th. If you opt out of the electronic version of the text and courseware, then the following applies:

YOU ARE REQUIRED TO HAVE SOME version of the text – AND -

access to Pearson’s Mastering A&P website. If you purchase a used copy of the text, you will have to contact the publisher (Pearson) and purchase access to Mastering A&P online separately.

# PEARSON MASTERING A&P WEBSITE:

Do not use Chrome to access this website. Chrome no longer supports some of the plugins needed to make the interactions work. So Firefox or IE are best.

# COURSE Black Board WEBSITE:

A course website has been established on WBU’s Blackboard server. Each student is REQUIRED to establish an active account for this website and to log on to BB regularly (several times a week) for posted lecture notes, messages, assignments, handouts, and quizzes.

# COURSE COMMUNICATION POLICY:

Wayland’s email address is the official method of communication between instructors and students taking courses through Wayland Baptist University. Students are REQUIRED to establish and activate their Wayland email account. Instructors reserve the right to deny email from other sources

# COURSE OUTCOME COMPETENCIES:

The students will be able to:

1. Explain the integrated function of the interdependent organ systems as well as the operation of these systems independently.
2. Use correct and useful, working vocabulary within the disciplines of anatomy and physiology.
3. Identify through integrated lectures and laboratory exercises, the basic structures mechanisms in homeostasis and to have a knowledge base of how disturbances in homeostatic mechanisms produce disease(s).

# COURSE WORK AND ACTIVITIES:

**Quizzes and Lecture exams** will cover reading material and supplemental resource materials. Labs will be used to identify anatomical structures and explore the physiological concepts associated with the topic of the week.

**Lecture Exams** will typically open on a Saturday and close 2 days later on Monday. Exact dates when exams open and close will be announced on Bb.

**Lab exams** will cover lab materials and activities. They will include histology slides, models, and cadaver figures from Mastering A&P. They typically open on a Saturday and close 2 days later on Monday, the same time as the lecture exams.

**Discussion boards** are places for expanding concepts, exploring tangents of topics, and asking and answering questions.

**Essentially each week of work** will include readings from the text, viewing supplemental materials, doing in class activities, Mastering A&P lab activities and exercises (some with a report), and quizzes on text material.

Note: content is combined into system like units of two weeks. So **a tentative work schedule to accomplish the deadlines is suggested in the attached schedule.**

# ATTENDANCE POLICY:

*“The University expects students to make class attendance a priority.”* You should note that failure to attend class will affect your ability to perform well on exams. Students must have good class attendance to be successful in this course.

1. The student is required to attend class online. This is a physical presence in the Blackboard classroom or Mastering classroom. This is recorded and date/time stamped in Blackboard. Discussions, quizzes, supplemental material review, and class activities all count towards attendance. You should be in the classroom a minimum of 4 hours for attendance purposes.
2. Students missing more than 25% of scheduled classes may be dropped from the course.
3. ALL absences (including for University sponsored events) must be discussed with the instructor BEFORE the absence or they will be unexcused.
4. Unexcused absences can NOT be made-up and a grade of 0% will be recorded for that activity.
5. No make-up Exams will be given. ***One*** missed lecture exam can be taken during week 8 to replace the zero but the grade will be associated with a 10% penalty unless waived by the instructor.
6. Students are responsible for all material covered in class (lecture and laboratory), as well as all assigned work (textbook reading, study problems, homework exercises, etc…).
7. This is a lab course. Students who do not complete at least 50% of the lab assignments with a grade of 70 or better will automatically fail the course.

STATEMENT ON PLAGIARISM AND ACADEMIC DISHONESTY**:**

Wayland Baptist University observes a zero tolerance policy regarding academic dishonesty. Per university policy as described in the academic catalog, all cases of academic dishonesty will be reported and second offenses will result in suspension from the university.

DISABILITY STATEMENT:

In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with a disability may be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university.  The Coordinator of Counseling Services serves as the coordinator of students with a disability and should be contacted concerning accommodation requests at (806) 291-3765.  Documentation of a disability must accompany any request for accommodations.

If you would like to see certain types of materials in the course such as videos, audio, or other images that are not currently available, please let me know. I will try to include these as requested

# COURSE REQUIREMENTS AND GRADING CRITERIA:

Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Executive Vice President/Provost to the Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.

Students should allow a very minimum of 4-8 hours per week for reading, reviewing, studying, and homework exercising. Your course grade will be determined based on the number of points you earn on lecture exams, laboratory reports, laboratory exams, discussions and quizzes:

# COURSE EVALUATION AND GRADING:

The final grade in the course will be derived as follows:

Quizzes - 8%

4 Lecture exams (~every two weeks/2 proctored) 36%

4 laboratory exams 24%

Lab reports and class activities 24%

Discussion Boards 8%

University grading system:

**A** 90-100

**B** 80-89

**C** 70-79

**D** 60-69

**F** below 60

**I** incomplete

**W** withdrawal

# IMPORTANT DATES:

March 29th Census. last day to opt out of eText

April 23 Last day to drop with W

April 30 Last day to drop with W/F

May 15th Last date of session.

# TENTATIVE COURSE SCHEDULE:

| **Date** | **Topic** | **Chapters** | **Assignments/Labs** | **Due Dates** |
| --- | --- | --- | --- | --- |
| **Week 1** | **The Endocrine System** | **Chapter 16** | **Mastering A&P**  **In class - Quiz** | **Mar 28** |
| **Week 2** | **Blood and Blood Vessels** | **Chapter 17** | **Mastering A&P**  **In Class Quiz** | **Apr 4** |
| **Apr 3-6** | **Lecture Exam 1** | **Chapter 16 and 17** | **Opens Saturday at 8am** | **Apr 6** |
| **Apr 3-6** | **Lab Exam 1** | **Blood and endocrine organs** | **Opens Saturday at 8am** | **Apr 6** |
| **Week 3** | **The Heart and Cardiovascular Function** | **Chapter 18** | **Mastering A&P**  **In class Quiz** | **Apr 11** |
| **Week 4** | **Lymphatic System and Immunity** | **Chapter19** | **Mastering PAL 3.0**  **In class Quiz** | **Apr 18** |
| **Apr**  **17-19** | **Lecture Exam 2** | **Chapters 18-19** | **Opens Saturday at 8am** | **Apr 19** |
| **Apr**  **17-19** | **Lab Exam 2** | **Heart and Lymphatics** | **Opens Saturday at 8am** | **Apr 19** |
| **Week 5** | **Respiratory System** | **Chapter 20** | **Dr. T’s videos**  **In class quiz** | **Apr 25** |
| **Week 6** | **Digestive System** | **Chapter 21** | **Mastering A&P**  **In class Quiz** | **May 2** |
| **May**  **1-3** | **Lecture Exam 3** | **Chapters 20 and 21** | **Opens Saturday at 8am** | **May 3** |
| **Dec 5-7** | **Lab Exam 3** | **Respiratory and Digestive** | **Opens Saturday at 8am** | **May 3** |
| **Week 7** | **Urinary System** | **Chapter 23** | **Mastering A&P**  **In Class Quiz** | **May 9** |
| **Week 8** | **Reproductive System** | **Chapter 25** | **Mastering A&P**  **In Class Quiz** | **May 15** |
| **May**  **14,15** | **Lecture Exam 4**  **Proctored** | **Chapters 23 and 25**  **+ comprehensive questions** | **Opens Friday - Saturday** | **May 15** |
| **May**  **14,15** | **Lab Exam 4** | **Urinary and Reproductive** | **Opens Friday - Saturday** | **May 15** |