

**Instructor - Dr. Ted Uyeno**

**Office – Bailey Science Center Rm. 2208**

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**Hours -**

**Office: Tues 9-11:30 / Wed 3:15-4:30 / Fri 12:50-2:05**

(Please confirm appointment by email)



**Course: Lecture – Tues/Thur, 2:00-3:15, BSC 1011**

Lab – Section A 85746 – **Thur, 10:00-11:50, BSC 1203**

Lab – Section C 85748 – **Fri, 9:00-10:50, BSC 1203**

Lab – Section D 85749 – **Fri, 11:00-12:50, BSC 1203**

**Textbook - G.J. Tortora and B.H. Derrickson, *Principles of Anatomy and Physiology*, 16th ed. with WileyPlus codes (Required).**

**Laboratory Textbook - M.E. Smith, and W.J. Loughry, *Laboratory Manual for Human Anatomy and Physiology* (Optional), Lab kit/dissection tools (Required).**

**Course Management: WileyPLUS course management access is required for this course!**

**Course Description:** This course is the second in a two-part series. In BIOL 2252 we will survey human anatomy and physiological principles with emphasis on the following systems: endocrine, circulatory, lymphatic, respiratory, digestive renal and reproductive. In each system, we will cover the basic structure and function of the components.

**Pre-Requisite:** Biology 2251, Anatomy & Physiology I

**Attendance: MANDATORY!** Please note: 1) I do not keep track of attendance. Irresponsible students who do not choose to attend WILL do poorly. 2) Disruptive students will be asked to leave. 3) **NO** electronics or associated earpieces are allowed in **lecture or laboratory**. Interacting with cellphones or other electronics during a quiz or exam will be treated as an instance of **CHEATING**. 4) Those wishing to use laptop computers as part of the class are required to sit in the first row of the classroom. Viewing anything other than BIOL 2652 coursework on a computer during course time is prohibited. Any of these violations may result in the loss of one **LETTER GRADE** from your final grade. Students missing 20% of the lectures will receive a grade of “F” **regardless** of standing.

**Students with Documented Disabilities:** I would like to teach everyone; Students needing accommodations should contact me at the beginning of the semester. Students may need to register with the Access Office for Students with Disabilities (UC Entrance 5, Room 4136, Phone: 245-2498).

**Assessment:** The lecture grade (65%) is composed of five exams. There is an optional comprehensive final exam that can replace the lowest of the five exams. Questions will be based on notes that you take and material presented in lecture. Any questions concerning grading should be brought to Dr. Uyeno’s attention **NO LATER** than one

week following return of the exam. Weekly WileyPLUS quizzes will be assigned online and will count as 8% of your final grade. Each person is required to have WileyPLUS access and will be expected to routinely monitor their course calendar for assignments. **NO make-up quizzes will be given for any reason.** I reserve the right to give unannounced quizzes to ensure that everyone is on time, attending class, and keeping up with lecture material. Make-up exams must have a documented excuse and should be scheduled before the exam date. No make-up exam will be given after one week from the regular exam date. Should you miss an exam without a documented excuse, you may take the comprehensive final to replace the missed exam grade.

The laboratory grade (27%) will be composed of three lab practical exams and a series of very short lab reports (for extra credit). The **Lab practicals cannot be made up. If a lab practical is missed, you will receive a zero for that lab grade.**

The final grade will be a combination of your final lecture score, laboratory score and WileyPLUS quizzes as noted below. The lecture final will be comprehensive and **OPTIONAL**. For those wishing to better their grade, this exam score will replace the lowest written exam score received during the semester.

Grade Scale: 90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, <60 = F

|            |                                |                |   |               |
|------------|--------------------------------|----------------|---|---------------|
| Lecture    | Exam 1                         | 130            | } | 700 pts (65%) |
|            | Exam 2                         | 130            |   |               |
|            | Exam 3                         | 130            |   |               |
|            | Exam 4                         | 130            |   |               |
|            | Exam 5                         | 130            |   |               |
|            | <del>Optional Final Exam</del> | <del>130</del> |   |               |
| Laboratory | Practical 1                    | 90             | } | 270 pts (27%) |
|            | Practical 2                    | 90             |   |               |
|            | Practical 3                    | 90             |   |               |
|            | (Worksheet reports             | Extra)         |   |               |
| WileyPLUS  | Total cumulative score         | 80             | } | 80 pts (8%)   |

**Privacy Act:** The FERPA Privacy Act does not allow me to discuss grades over the phone, sent to non-VSU email addresses, or be given to friends or relatives.

**Title IX:** Valdosta State University (VSU) forbids discrimination on the basis of race, color, sex (including sexual harassment and pregnancy), sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. Consider my lectures, labs, and office hours as SafeSpaces.

**Cheating:** Refer to the Student Code of Ethics in the Valdosta State University Student Handbook. A student caught cheating will be penalized ranging from receiving a zero for that assignment or test to failing the class. No first warning will be given.

**Important Dates:** Final Exam – Wednesday December 6, 2:45 PM  
 Labor Day September 4, Fall break October 9-10  
 Thanksgiving November 22-24,

**\* The Instructor reserves the right to modify the above contents with proper notification.**

**BIOL 2252 (Section A, C, & D)**  
**Human Anatomy and Physiology II**  
**Dr. Ted Uyeno**

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**Tentative Lecture Outline - This is the order in which we will cover topics.**

| <b>TOPIC</b>              | <b>TEXT CHAPTERS</b> |
|---------------------------|----------------------|
| Endocrine system          | 18                   |
| Blood                     | 19                   |
| The Heart                 | 20                   |
| <b>Exam 1</b>             |                      |
| Blood vessels             | 21                   |
| Lymphatic system          | 22                   |
| <b>Exam 2</b>             |                      |
| Respiratory system        | 23                   |
| Digestive system          | 24                   |
| <b>Exam 3</b>             |                      |
| Metabolism                | 25                   |
| Renal system              | 26                   |
| Body fluid physiology     | 27                   |
| <b>Exam 4</b>             |                      |
| Reproductive system       | 28                   |
| Development & inheritance | 29                   |
| <b>Exam 5</b>             |                      |

**Tentative Exam Dates:**

- 1 – September 7
- 2 – September 26
- 3 – October 17
- 4 – November 9
- 5 – November 30

**Optional Cumulative Final Exam:**

Set by registrar – Wednesday, December 6, 2:45 pm  
[Click Here for registrar exam schedules](#)

**Lab Schedule**

|    | <b>TOPIC</b>    | <b>MATERIAL*</b>   |
|----|-----------------|--|
| 1  | August 17/18    | <i>No labs this week</i>   |
| 2  | August 24/25    | Cardio Physiology: Blood typing<br><a href="#">Worksheet 1 (Blood)</a>   |
| 3  | Aug 31/Sept 1   | Cardio Physiology: Pulse, BP, Vascular function.<br><a href="#">Worksheet 2 (Heart Function)</a>   |
| 4  | September 7/8   | Sheep Heart Dissection<br><a href="#">Review list (Heart)</a>  |
| 5  | September 14/15 | Fetal pig blood vessels<br><a href="#">Review list (Anterior vessels)</a>  |
| 6  | September 21/22 | Fetal pig blood vessels<br><a href="#">Review list (Posterior vessels)</a>   |
| 7  | September 28/29 | Fetal pig blood vessels  |
| 8  | October 5/6     | <b>LAB PRACTICAL 1</b>   |
| 9  | October 12/13   | Fetal pig digestive/immune systems<br><a href="#">Worksheet 3 (Digestion)</a><br><a href="#">Worksheet 4 (Fermentation)</a><br><a href="#">Review list (Digestive sys)</a> |
| 10 | October 19/20   | Fetal pig respiratory system<br><a href="#">Review list (Respiratory sys)</a>  |
| 11 | October 26/27   | <b>LAB PRACTICAL 2</b>   |
| 12 | November 2/3    | Fetal pig urinary and reproductive system<br><a href="#">Review list (Urinary sys)</a>   |
| 13 | November 9/10   | Fetal pig urinary and reproductive systems<br><a href="#">Review list (Reproductive sys)</a>   |
| 14 | November 16/17  | <b>LAB PRACTICAL 3</b>   |
| 15 | November 23/24  | <i>Thanksgiving break - No labs</i>  |
| 16 | Nov. 30/Dec. 1  | <i>No labs this week</i>   |

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\*Worksheet, review lists, and Biol 2252 website by Dr. J. Loughry/ Dr. T. Uyeno.  
[http:// https://blog.valdosta.edu/ap2/](http://https://blog.valdosta.edu/ap2/)

# THE LEGALLY BINDING SMALL PRINT

## Course Technology Requirements:

In this class, students will regularly use the following applications:

- Office 365 for access to VSU email and to Microsoft applications that we will use regularly (Word, Excel, PowerPoint).
- BlazeVIEW and Microsoft Teams to access course materials and to participate remotely.
- Adobe Acrobat to read and generate pdf format files.

To use these applications, students must have access to a laptop or computer. While it is possible for students to complete some work on their smartphones, this will not be sufficient in all instances, given the limitations of mobile devices (especially in the lab). Hence, access to a computer is essential. Note that the University maintains a number of computer labs, which are available for student use. Laptops are also available for check-out on a first-come, first-served basis from the New Media Center in Odum Library.

You may also choose to list these further resources:

- IT provides a list of recommended technologies at <https://www.valdosta.edu/administration/it/helpdesk/personal-devices/recommended-technologies.php>
- As a VSU student, you may download and install Microsoft Office 365 on up to 5 personal devices (<https://www.valdosta.edu/administration/it/helpdesk/employee-resources/employee-services/work-at-home-tech-guide.php>)

## Outside class course preparation time:

It is appropriate to expect that students will spend a minimum of two hours in out-of-class preparation for every one hour spent in the lecture component of the class. The laboratory component also exists with an expectation of out-of-class preparation as well. The university analysis indicates that successful A-grade students in A&P II will spend around 300 minutes, or 5 hours per week reviewing, studying, and prepping for exams.

## Students with Disabilities:

Those who are experiencing barriers in this course may contact the Access Office (<https://www.valdosta.edu/student/disability/>) for assistance in determining and implementing reasonable accommodations. The Access Office is located in University Center Room 4136 Entrance 5. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit VSU's Access Office or email: [access@valdosta.edu](mailto:access@valdosta.edu). To request reasonable accommodations for pregnancy and childbirth, contact Ms. Myia Miller, Title IX Compliance Officer, at [maburden@valdosta.edu](mailto:maburden@valdosta.edu). Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

## Non-Discrimination and Title IX Statement:

Valdosta State University (VSU) upholds all applicable laws and policies regarding discrimination on the basis of race, color, sex (including sexual harassment and pregnancy), sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. The University prohibits specific forms of behavior that violate Title IX of the Education Amendments of 1972. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in education programs and activities that receive federal funding. VSU considers sex discrimination in any form to be a serious offense. Title IX refers to all forms of sex discrimination committed against others, including but not limited to: sexual harassment, sexual assault, sexual misconduct, and sexual violence by other employees, students or third parties and gender inequity or unfair treatment based on an individual's sex/gender. The designated Title IX Coordinator for VSU is Ms. Selenseia Holmes. To view the full policy or to report an incident visit: <https://www.valdosta.edu/administration/student-affairs/title-ix/>

**VSU Integrity Statement:**

Academic integrity is the responsibility of all VSU faculty and students. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and this syllabus. All students are expected to do their own work and to uphold a high standard of academic ethics. This includes accessing online sites such as Chegg, CourseHero, Quizlet, School Solver, etc. with the intent of cheating on multiple choice exams. Any violations of this policy may result in the academic penalties outlined in the syllabus and may also be referred to Student Affairs for further disciplinary action.

**AI Statement:**

VSU's Academic Student Conduct Code states that "no student shall engage in plagiarism, which is presenting the words or ideas of another person as if they were the student's own." Content generated by an Artificial Intelligence third-party service or site (AI-generated content) without proper citation is another form of plagiarism. If you are unsure about whether something may be plagiarism or another form of academic dishonesty, please reach out to me as soon as possible.

**Turnitin Statement:**

By taking this course, you agree that all required course work may be subject to submission for textual similarity review to Turnitin, a tool within BlazeVIEW. For more information on the use of Turnitin at VSU see Turnitin for Students (<https://www.valdosta.edu/academics/academic-affairs/turnitin-for-students.php>).

**Intellectual Property Statement:**

Materials in this course are presented to students in an educational context for their personal use and study only and should not be shared, distributed, or sold in print, or digital formats, outside the course without the express written permission of the instructor.

**Academic Support Center:**

The Academic Support Center (ASC) provides unlimited, in-person, free peer tutoring in core courses such as math, English/writing, sciences, social sciences, and languages. We also offer 8 hours of free online tutoring via Tutor.com (8 hours per student, available 24/7). Click the Free Tutoring link in any Blazeview course to make appointments. Please drop by our space in Odum Library, 2nd floor, or call 229-333-7570, email [asc@valdosta.edu](mailto:asc@valdosta.edu), or visit the website [www.valdosta.edu/asc](http://www.valdosta.edu/asc) for more information.

**Mental Health Syllabus Statement:**

As a student, you may experience a range of challenges that can interfere with learning, such as strained or violent relationships, death and loss, increased anxiety, substance use, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may diminish your academic performance and/or reduce your ability to participate in daily activities. VSU services are available and treatment does work. You can learn more about confidential mental health services available on campus at <https://www.valdosta.edu/blazer-wellness/mental-health.php>

**The BIT (Behavioral Intervention Team) Team:**

If you, or someone you know, needs support, is distressed, or exhibits concerning behavior, help by making a referral to the BIT Team. The VSU BIT Team's purpose is to promote a safe and productive learning, living, and working environment by addressing the needs of students. As your professor, I may contact the BIT Team to seek support for you. I encourage you to fill out a referral if you or a classmate are in need of help. There are several ways to contact the BIT Team: 1) For more information about the BIT Team at <https://www.valdosta.edu/administration/student-affairs/bit.php>; 2) Email your concern to [vsubit@valdosta.edu](mailto:vsubit@valdosta.edu); or 3) Fill out the anonymous Concerning Behavior Reporting Form at <https://www.valdosta.edu/administration/student-affairs/student-conduct-office/our-services.php>