

Instructor - Dr. Ted Uyeno

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Hours -

Office: Mon 9:00 – 10:00, Tues 1:30-2:30

(or by appointment)



Course: Lecture – Tues/Thurs, 3:30-4:45, BSC 1011

Lab – Section A (21560) – **Thurs, 11:00-12:50, BC 1203**

Section B (21561) – **Thurs, 1:00-2:50, BC 1203**

Section C (22875, Dr. Fort) – **Thurs, 5:00-6:50, BC 1203**

Section D (22876, Dr. McDonough) – **Fri, 9:00-10:50, BC 1203**

Textbook - G.J. Tortora and B.H. Derrickson, *Principles of Anatomy and Physiology*, 14th Ed. with WileyPlus codes (Required).

Laboratory Textbook - Dissection tools (Required), M.E. Smith, and W.J. Loughry, *Laboratory Manual for Human Anatomy and Physiology*. (Optional for Dr. Uyeno, Sec. A&B).

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

Course Description: This course is the first in a two part series. In BIOL 2651 we will introduce human anatomy and physiological principles with emphasis on the following: cell and tissue organization, plus skeletal, muscular, and nervous systems and special senses. In each system, we will cover the basic structure and function of the components of that system.

Pre-Requisite: None

Attendance: MANDATORY! Please note: 1) I keep track of attendance. 2) Disruptive students will be asked to leave. 3) **NO** electronics or associated earpieces are allowed in **lecture or laboratory**. Viewing a cell-phone 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 2651 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 (Farber Hall, 245-2498).

Assessment: The lecture grade is composed of four exams, each worth 50 points. There is an optional, 50 point, comprehensive final that can replace the lowest of the four 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 10% of your final grade. Each person is required to have WileyPLUS access and will be expected to routinely monitor their course calendar for assignments. I reserve the right to give unannounced quizzes to ensure that everyone is on time, attending class, and keeping up with lecture material. **NO make-up lecture exams or quizzes will be given for any reason.** Should you miss an exam, you may take the comprehensive final to replace the missed exam grade.

The laboratory grade will be composed of four lab practical exams. 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 and laboratory score. Lecture exams will comprise 55%, WileyPLUS assignments will comprise 10%, and lab will comprise 35% of your final score. 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.

Example grade calculation:

(Note: in this example, Exam 5 replaced the lowest grade, Exam 4)

$$\frac{(\text{Exam 1} + \text{Exam 2} + \text{Exam 3} + \text{Exam 4} + \text{Exam 5})}{4} \times 0.55 = \text{Lecture component}$$

$$\frac{(\text{Lab 1} + \text{Lab 2} + \text{Lab 3} + \text{Lab 4})}{4} \times 0.35 = \text{Lab component}$$

$$\left(\frac{\text{Points earned}}{\text{Total points}} \times 100 \right) \times 0.1 = \text{WileyPLUS component}$$

$$\text{Lecture} + \text{Lab} + \text{WileyPLUS} = \text{Final Grade (this is out of 100)}$$

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

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.

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: Mid-Term – March 3, Final Exam – May 6, 2:45 PM

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

BIOL 2651 (Section A,B,C, & D)
Human Anatomy and Physiology I
Dr. Ted Uyeno

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

TOPIC	TEXT CHAPTERS
Introduction to the Human Body	1
Chemical Level of Organization	2
Cellular Level of Organization	3
Tissue Level of Organization	4
Integumentary System	5
Bone Tissue	6
Skeletal System: The Axial Skeleton	7
Skeletal System: The Appendicular Skeleton	8
Articulations	9
Muscle Tissue	10
Muscular System	11
Nervous Tissue	12
Spinal Cord and Spinal Nerves	13
Brain and Cranial Nerves	14
The Special Senses	17
Autonomic Nervous Systems	15
Sensory, Motor, and Integrative Systems	16

Tentative Exam Dates:

- 1 – February 4
- 2 – March 1
- 3 – April 5
- 4 – April 28

Final Exam:

Lecture – Friday, May 6, 2:45 pm

BIOL 2651 (Section A, B, C, & D)
Human A&P I
Dr. Uyeno (A&B)
Dr. Fort (C), Dr. McDonough (D)

Lab Schedule

DAY	TOPIC
1 January 14/15	<i>No labs first week</i>
2 January 21/22	Microscope and Cell/Tissues and Skin
3 January 28/29	Tissues and Skin
4 February 4/5	LAB PRACTICAL 1
5 February 11/12	Skeletal System
6 February 18/19	Skeletal System
7 February 25/26	LAB PRACTICAL 2
8 March 3/4	Muscular System
9 March 10/11	Muscular system
10 March 17/18	<i>No labs this week (Spring break)</i>
11 March 24/25	LAB PRACTICAL 3
12 March 31/Apr1	Brain
13 April 7/8	Eye
14 April 14/15	LAB PRACTICAL 4
15 April 21/22	<i>No labs this week</i>
16 April 28/29	<i>No labs this week</i>

Lab materials can be found at <http://blog.valdosta.edu/ap1/>

Learning contract – Dr. T. Uyeno

- 1) **I care** – I teach because I want to make a contribution to your successful career. You must also promise to make the effort to rise to expectations worthy of your own future goals.
- 2) **Knowledge ownership** – “You can lead a horse to water, but you can’t make him drink”. I try really hard do three things to lead students to knowledge. A) I select only the most important topics. B) I organize the topics so each lecture builds on previous ones. C) I include current and personal details to make the class relevant, interesting, and cutting edge. This effort is lost on students who expect proficiency to come from little more than simply listening to lectures and last minute cramming. Your success is proportional to your amount of effort and review.
- 3) **Self-motivation** – College is not an extension of a kid’s legally-required high-school education. It is an adult’s entry into the job market. The distinction is important because your future career job application will hinge on your college transcript. Your peer competition understands this and is doing all he or she can to out-perform you. I try hard to motivate you, but ultimately, good grades only go to students with high internal drive.
- 4) **Synthetic thinking** – A fancy way of saying “make connections”. I will give you new conceptual “tools”, so become a tool user. Own your newfound knowledge and use it to understand your world. If you come across something that’s peripherally related to class material, ask questions about it. You can’t help but become motivated when you’re mentally engaged.
- 5) **Honesty and integrity** – Do not cheat. People who care about you, including me, expect more from you than that. I punish cheaters to the fullest extent allowed by the Student Code and in the future it is tough explaining why you should be given the job or admitted to grad school when your transcript has an F because you got caught plagiarizing or palming a crib note.
- 6) **Participate!** – Have a question? Ask it! Here is a universal truth: if you have a question, chances are good that someone else is wondering the same thing. You’re not alone and I will never, ever belittle you for trying to learn. It makes for engaged learning and who knows, maybe your question unlocks a fundamental concept that half of the final exam questions are about. My deal for shy people: I won’t pick on you if you promise not to keep questions bottled up.
- 7) **Email etiquette** – Emails lack non-verbal cues and often lead to unintended consequences. As such, I require you to email me using standard formal etiquette: A) Include a salutation, (e.g. Dear Dr. X or Hello Prof. X, not Hey), B) follow this by a complete description of your question/message, and C) always sign off using a complementary closing and your name/ID number. I do not respond to emails that do not have all these components. Use your VSU email address; others are often blocked by our inbox system.
- 8) **Start early** – This class is fast moving, and builds on itself; there is no time later to catch up.
- 9) **Priorities** – In signing this, you have made the commitment to learn. It is a priority that is similar to that of a paying job. To teach you effectively, I require you to show up on time, to be mindful of the above points and be respectful to me and your fellow students.

I have read and understand these crucial tips for success: _____

Name

Date