

Instructor - Dr. Ted Uyeno

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Hours -

Office: Mon 10:00 – 11:00, Tues 3:30-4:30
(or by appointment)



Course: Lecture – Tue/Thur, 2:00-3:15 pm, BSC 1023

Lab – Section C – 21301 - **Mon, 1:00-2:50**, BC 1203

Section D – 21302 - **Mon, 3:00-4:50**, BC 1203

Section E – 21303 - **Tue, 8:30-10:20**, BC 1203

Textbook - G.J. Tortora and S.R. Grabowski, *Principles of Anatomy and Physiology*, 13th 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 2652 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 2651, 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**. 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 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 (Farber Hall, 245-2498).

Assessment: The lecture grade (~60%) is composed of four exams, each worth 100 points. There is an optional, 100 point, comprehensive final that can replace the lowest of the four exams (total of 400/650). 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% (50/650) 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 (~30%) will be composed of three lab practical exams (150/650) and a series of very short lab reports (50/650). **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	100	}	400 pts (62%)
	Exam 2	100		
	Exam 3	100		
	Exam 4	100		
	Optional Final Exam	100		
Laboratory	Practical 1	50	}	200 pts (30%)
	Practical 2	50		
	Practical 3	50		
	Worksheet reports	50		
WileyPLUS	Total cumulative score	50	}	50 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.

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 5, Final Exam – May 6, 2:45 PM
MLK Day January 19, Spring break March 23-27

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

BIOL 2652 (Section E, F, G & H)
Human Anatomy and Physiology II
Dr. Ted Uyeno

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

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

Tentative Exam Dates:

- 1 – February 5
- 2 – March 3
- 3 – April 2
- 4 – April 30

Final Exam:

Lecture – Wednesday, May 6, 2:45 – 3:45

Lab Schedule

WEEK OF	TOPIC	MATERIAL*
1 January 12	<i>No labs this week</i>	
2 January 19	<i>No labs this week (MLK Day)</i>	
3 January 26	Blood	<u>Worksheet 1 (Blood)</u>
4 February 2	Heart physiology	<u>Worksheet 2 (Heart Function)</u>
5 February 9	Sheep heart anatomy	<u>Review list (Heart)</u>
6 February 16	Fetal pig blood vessels	<u>Review list (Anterior vessels)</u>
7 February 23	Fetal pig blood vessels	<u>Review list (Posterior vessels)</u>
8 March 2	Fetal pig blood vessels	
9 March 9	LAB PRACTICAL 1	
10 March 16	Fetal pig digestive system	<u>Review list (Digestive sys)</u>
11 March 23	<i>No labs this week (Spring Break)</i>	
12 March 30	Respiratory physiology/ Fetal pig respiratory system	<u>Worksheet 3 (Respiration)</u> <u>Review list (Respiratory sys)</u>
13 April 6	LAB PRACTICAL 2	
14 April 13	Fetal pig urinary and reproductive systems	<u>Review list (Urinary sys)</u> <u>Review list (Reproductive sys)</u>
15 April 20	Review Day	
16 April 27	LAB PRACTICAL 3	

*Worksheet, review lists, and Biol 2652 website were designed and written by Dr. J. Loughry.
<http://ww2.valdosta.edu/~jloughry/BIOL2652/BIOL2652.html>

Learning contract – Dr. T. Ayeno

- 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