

**BIOL 2651**  
**Credit Hours 3-2-4**

**ANATOMY AND PHYSIOLOGY I**  
**Department of Biology**

|                            |                      |                    |                     |
|----------------------------|----------------------|--------------------|---------------------|
| <b>Instructor:</b>         | Dr. Timothy J. Fort  | <b>Office:</b>     | BC 1100             |
| <b>Phone:</b>              | (229) 249-2643       | <b>Email:</b>      | tjfort@valdosta.edu |
| <b>Lecture:</b>            | Monday and Wednesday | 11.10 am – 2.10 pm | BC 3009             |
| <b>Laboratory Section:</b> | Monday and Wednesday | 3.00 pm – 4.50 pm  | BC 1203             |
| <b>Office Hours:</b>       | Tuesday              | 2.00 pm – 4.00 pm  | or by appointment   |

**Textbook (required):** Principles of Anatomy and Physiology, 13<sup>th</sup>, 14<sup>th</sup>, or 15<sup>th</sup> edition  
Tortora, G.J. and Derrickson, B.

**Lab Website:** [blog.valdosta.edu/API](http://blog.valdosta.edu/API)

**Lab Manual (optional):** *Laboratory Manual for Anatomy and Physiology, 3<sup>rd</sup> Edition*  
*Loughry, M.J. and Smith, M.E.*

**Course Description:** Introduction to human anatomy and general physiological principles with emphasis on the following: cell and tissue organization, plus skeletal, muscular, and nervous systems.

**Course Objectives:** By the end of this course, students will be expected to:

- (1) Demonstrate an understanding of the cellular and tissue levels of organization within the human body physiology.
- (2) Demonstrate an understanding of the anatomy of selected organ systems and relate the functioning of the organ systems to the overall functioning of the human body.
- (3) Demonstrate competency in factual content / interpretation of the major areas of human anatomy and physiology.

These objectives support in part the Department of Biology Educational Outcome #’3 and the Valdosta State University General Educational Outcomes #’s 4, 5, 7.

**Face Coverings and Social Distancing:** Masks and social distance protocols are no longer required within VSU buildings. Fully vaccinated individuals may resume classes and other campus activities without a face covering or the need to social distance, if they so choose. Unvaccinated individuals are strongly encouraged to get vaccinated. Until fully vaccinated (two weeks after receiving the last vaccine dose), such individuals are strongly encouraged to continue wearing a face covering, and to continue socially distancing from others when possible. Vaccines remain available for all members of the university community from Student Health Services.

**Quarantine and Isolation:** Students who have been in close contact with someone who has COVID-19 are not required to quarantine if they have been fully vaccinated against the virus and show no symptoms. Individuals who have not yet been fully vaccinated and who have been in close contact with someone who has COVID-19, show symptoms, or anyone diagnosed as COVID-19 positive should continue to self-report in the MyVSU Portal.

**Attendance:** Attendance of lectures is expected of all students, but is not required. Attendance of laboratory classes is mandatory. **Any student missing 2 scheduled laboratory classes, without an acceptable documented reason (determined by the instructor) will receive a failing grade for the course.** Student attendance of classes will be recorded.

**Conduct:** Students are expected to arrive on time and behave with respect in both lectures and laboratories. Students should not talk during lectures, but if you do not understand or do not hear something please ask for clarification. Use of cell phones during lectures and laboratories is not permitted. Cell phones must be turned off during lectures and laboratories. If your cell phone activates during a lecture you will be asked to leave. **If your cell phone activates during an exam/lab practical you will be asked to leave and receive 0% for that exam.**

**Cheating / Plagiarism:** Please refer to the Student Code of Ethics in the Valdosta State University Student Handbook. Any student caught cheating will be penalized, ranging from receiving a zero for that assignment or test, to failure and expulsion from the course.

**Title IX Statement:** Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

**Access Statement:** Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: access@valdosta.edu.

**Privacy Act:** Due to the Buckley Amendment, or Privacy Act, an individual's personal information cannot be released to anyone but that individual. As such, grades will not be discussed over the phone, by email, or released to a friend or relative.

|                    |                    |                            |                             |                                     |
|--------------------|--------------------|----------------------------|-----------------------------|-------------------------------------|
| <b>Assessment:</b> | <b>Lecture:</b>    | Three exams                | @ 100 points                | = <b>300 points</b>                 |
|                    |                    | Final exam                 | Part 1) New material        | @ 100 points                        |
|                    |                    |                            | Part 2) Cumulative material | @ 100 points = <b>200 points***</b> |
|                    |                    |                            |                             | = <b>400 points***</b>              |
|                    | <b>Laboratory:</b> | Four laboratory practicals | @ 50 points                 | = <b>200 points</b>                 |
|                    |                    |                            | <b>TOTAL</b>                | = <b>600 points</b>                 |

\*\*\*The final lecture exam will contain an optional comprehensive section. If you wish to improve your grade, the optional final exam comprehensive section score can be used replace an exam score received for exam 1, 2, or 3.

**Final grade:** Your final grade will be a combination of your lecture score and your laboratory score

**-Lab Practicals cannot be made up.** If you miss a lab practical, you will receive a zero for that lab grade.

**-There are NO make-up lecture exams.** If you miss an exam, you must take the comprehensive final exam.

**-Lecture Exams:** Question styles will vary depending on the topics being examined and may include (but are not limited to), multiple choice, true/false, fill in the blank, diagrams and short answers.

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

| Topic                                  | Textbook Chapter |
|--|------------------|
| Introduction to the Human Body         | 1                |
| Cellular Level of Organization         | 3                |
| Tissue Level of Organization           | 4                |
| Integumentary System                   | 5                |
| Bone Tissue                            | 6                |
| The Axial Skeleton                     | 7                |
| The Appendicular Skeleton              | 8                |
| Articulations                          | 9                |
| Muscle Tissue                          | 10               |
| Muscular System                        | 11               |
| Nervous System                         | 12               |
| Spinal Cord & Spinal Nerves            | 13               |
| Brain & Cranial Nerves                 | 14               |
| Autonomic Nervous System               | 15               |
| Special Senses                         | 17               |
| Sensory, Motor and Integrative Systems | 16               |

