

The University of Findlay

College of Sciences

Fall 2017

The mission of The University of Findlay is to equip our students for meaningful lives and productive careers.

Course Number/Title: BIOL201.01 Intro to Anatomy and Physiology

Credit Hours: 3.0 hours **Class Time/Place:** HHS Rom 201, M-F

Prerequisites, Co-requisites and Course Description: Introductory course in biology or permission from the instructor.

This course offers an introduction to the structure and working of the human body with emphasis on how structure makes function possible and disruptions in either leads to disease. Special emphasis will be placed on the musculoskeletal, nervous, cardiovascular, and respiratory systems. The health risks associated with current behavioral and societal issues will be discussed, including drug and alcohol use, smoking, HIV, eating disorders, obesity, heart disease, etc.

Instructor Roger Blevins

Instructor Contact Information:

Office: HHS Room 201

Email: rblevins@huronhs.com

Phone: 419-433-3171

Office Hours: M-F 1:38-2:30 p.m., T & R 2:30-3:00 p.m. or by appointment

Course Objectives:

CORE+ Learning Outcomes Addressed:

The content of this course provides the means to assess the following CORE+ Outcome	
CORE+ Outcome	Instrument(s), assignment(s), or task(s) used to assess outcome
C1: Students will use scientific inquiry to interpret data, solve problems, or draw conclusions, in disciplines such as, but not limited to, Anatomy, Biology, Chemistry, Environmental Science, Physics, and Physiology.	Students will perform an experiment that demonstrates changes observed in heart rate and blood pressure before and after moderate exercise. They will compile the results and discuss their findings in a written laboratory report.

Required Textbooks and other materials: Introduction to the Human Body, The Essentials of Anatomy & Physiology, Tortora & Derrickson, 9th Edition. Essentials of Anatomy and Physiology Laboratory Manual by Allen and Harper

Instructional Strategies:

Case Analysis	√	Library and Internet Research	√
Debate	√	Practice/drill	√
Discovery/Independent Research	√	Problem solving	√
Discussion/Questioning/Interviewing	√	Reading assignments	√
Experiential Learning	√	Role playing/simulation games	
Field Experience		Service Learning	
Group Presentation	√	Video/Audio Review and Critique	√
Laboratory Experiences	√	Other	
Lecture	√		

Methods of Assessment:

Abstracts		Participation	√
Attendance		Peer Evaluation	
Capstone Project		Portfolio	
Case Study	√	Portfolio Lab Performance	
Exams	√	Presentations	√
Group Projects	√	Professional Evaluation	
Homework Assignments	√	Quizzes	√
Internet Research	√	Research project	
Journaling		Other	
Lab Performance			
Oral/written review of literature	√		

Grading: Assessment 50% (Final Exams, Quarterly exams, chapter tests, quizzes)
 Learning Activities 25% (POGILs, Problem Based Learning, Case Studies, H.W., Participation, etc.)
 Laboratory 25% (Lab Practical's, Quizzes, GE Assessment Project)

Grading Scale/Distribution:

Grade	Points	Grading Scale
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D+	1.33	67-69
D	1.00	63-66
D-	0.67	62-60
F	0.00	below 60
U	0.00	

University Honor Code:

Each and every student of the University will adhere to the following Honor Code:

“I will not knowingly engage in any dishonorable behavior, cheat, steal, lie, or commit any act of plagiarism during any academic work, course, or endeavor. If I observe an act which I believe violates the University’s Honor Code, I may, at my discretion, report it to the appropriate personnel.”

Student Acknowledgement of University Honor Code:

“I acknowledge that I have fully complied or will comply with all aspects of the University’s Honor Code in submitting this work.”

Student Rights and Responsibilities Statement, Article VIII-Academic Integrity:

<http://catalog.findlay.edu/en/current/Undergraduate-Catalog/Student-Rights-and-Responsibilities-Statement/VIII-Academic-Integrity>

Course Policies and Practices: My role is to structure and guide you in the process of learning; however, you are in charge of your own academic success. Lecture notes are provided to focus on and discuss important material. To better understand the material you must read the textbook! You should come to class prepared to discuss the current chapter, to ask questions, and to complete in-class assignments. If you have questions or need help outside of class, utilize my office hours or email me with questions.

Quizzes/Homework: Quizzes and homework will be assigned throughout the semester. They will be online-based and posted to Wiley or paper format. You will have a set amount of time to complete the assignment. For online quizzes, once a quiz is begun, it must be finished in one sitting. Please make sure you have good internet connectivity to avoid being locked out of a half-completed quiz. Quizzes are considered individual assignments and working with other classmates will be considered cheating.

Chapter Tests: Tests will be administered throughout the year. Tests will take place during normal class times. Tests will cover topics in lecture as well as your reading and will take a variety of formats.

Absences: You are responsible for all class assignments and announcements. Absences are excused when a qualifying note is presented to the instructor prior to a known future absence. Make-up exams, quizzes, and other assignments for excused absences will be addressed on an individual basis. Make-up work will be completed prior to the scheduled absence. No make-up work will be allowed for unexcused absences or missed assignments (forgetting to complete a quiz, assignment, or exam).

Grades: Grades will be posted to Progressbook and will be updated on a regular basis. It is important to monitor your grades as they will give you an indication of how you are doing in class. I will not inflate grades or bump-up a grade to the next letter. If you believe there is a discrepancy, please let me know and I will address it on an individual basis.

Final Exam Date: The final exam will consist of new material and material from previous exams. This will occur during exam week and the time depends upon which period you have A & P

Special Services: If you are a student with a disability, it is your responsibility to inform your instructor and register with the Office of Disability Services (ods@findlay.edu) at least one week prior to a needed service so reasonable accommodations can be made.

Course and Instructor Evaluation: Each student is expected to complete the course and instructor evaluation which is sent electronically to the student by the Office of the Registrar. The electronic notification comes in the form of an e-mail from the UF Registrar's Office with the following subject line: Online survey for the designated course (e.g., BIOL 102).

Last Date of Attendance Policy: Last Date of Attendance (LDA) Policy: A student's last date of attendance (LDA) is the date he/she was last present in class and/or completed a course assignment. This policy was enacted to document a particular date at which a student stopped attending or participating in a class. This date is determined by the instructor of the class. If a student fails to attend classes or complete assigned course work it is their responsibility to withdraw from the course. If the student does not withdraw from the course and is absent for a specified period of time, an instructor may choose to notify the student and/or the VPAA of the continued absence or lack of completion of academic course assignments. This is important because those students on financial aid are getting remuneration for attending classes – if they

are not they should reimburse the institution according to the number of days between the LDA and their withdrawal from the course. If the student attends all classes yet fails the course, the official last date of the class, as determined by the institution, will be used for reporting purposes. In this course the date of the final exam is the institution's official last day of class. Specifically, failure to attend three consecutive classes during the semester will invoke the LDA policy and the date of the third absence will be used by the institution for reporting purposes.

Tentative Course Outline:

Topic	Reading in textbook Tortora and Derrickson
Introduction to Anatomy	
Organization of the body	Pgs 1-24
Cells	Pgs 48-77 Test
Tissues	Pg 78-105 Test
Integumentary system	Pgs 106-123 Test
Skeletal system	Pgs 124-176 Test
Joints	Pgs 177-196 Test
Muscular system	Pgs 197-251 Test
Neurons and nervous tissue	Pgs 252-270 Test
Central nervous system	Pgs 271-300 Test MidTerm Exam
Autonomic nervous system	Pgs 301-313 Test
Somatic senses and Special senses	Pgs 314-345 Test
Endocrine system	Pgs 346-376 Test
Cardiovascular system (Blood, Heart, Vessels)	Pgs 346-453 Test
Digestive system and nutrition	Pgs 511-565 Test
Respiratory system	Pgs 482-510 Test
Urinary system	Pgs 566-587 Test
Reproductive systems and development	Pgs 602-633 Final Exam