



NORTHWEST FLORIDA STATE COLLEGE

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INSTRUCTOR INFORMATION

- Professor: Kassie Garfield, Ed.D., PT, DPT, OCS, ATC, COMT
- Email: garfielk@nwfsc.edu
- Phone: 850-863-6527 ext: 5527
- Office Hours: Vary
- Electronic Resources: Canvas and McGraw Hill
- Final Exam: see agenda

INSTRUCTOR COMMUNICATION

Your NWFSC email is the official communication medium of the College. Please check your College email regularly for any class and College notifications.

Anatomy and Physiology I BSC1085C 4 credit hours. This course is the first part of a two-semester sequence in which students examine human anatomy and physiology through a systems approach based on the interaction between form and function, from the microscopic components of cells and tissues to the organismal level. Emphasis is placed on histology and the integumentary, skeletal, muscular, and nervous systems.

Student Learning Outcomes:

- Students will identify cell structures and describe their functions.
- Students will distinguish tissues by structure, location in the body, and contrast their normal physiology.
- Students will demonstrate an understanding of anatomical structure, organization of the body, cavities, planes, and directional terms.
- Students will identify and describe structures of integumentary, skeletal, muscular, and nervous systems.
- Students will interpret the functions of the integumentary, skeletal, muscular, and nervous systems.
- Students will explain how the components of the human body maintain homeostasis.
- Students will analyze and interpret physiological data.

Course Prerequisite

None

COURSE MATERIALS

McGraw-Hill ConnectPlus access code: e-book for Seeley's Anatomy & Physiology 12th Ed. with required lab human cadaver dissection tool APR (Anatomy & Physiology Revealed) access. Students may also need a webcam-enabled computer/laptop or an iPad. McGraw-Hill Connect registration link is required for hybrid course due to online assignments and labs. Due dates in McGraw Hill allow for access to content all semester, although due dates for McGraw-Hill work is due by Unit 1 test, for unit 1, etc. Dates in the syllabus are correct.

Link: Link Varies Semester to Semester

STUDENT EXPECTATIONS AND RESOURCES

NWFSC aims for excellence in education and scholarly pursuits. Campus policies and procedures support this goal by protecting the health, safety, welfare, and property of the College and its students. To view all campus policies, please see the [college catalog](#). Several essential policies are provided below.

NWFSC POLICY	DESCRIPTION
Academic Integrity	Students are expected to behave responsibly as members of the College community and be honest and forthright in their academic endeavors. They are also expected to behave professionally and refrain from disrupting other students' learning environments.
Accommodations	The Accommodation Resource Center at Northwest Florida State College is committed to providing equal access and opportunities for educational success to all students with disabilities as guided by the American Disabilities Act and other disability-related laws.
Attendance	Regular attendance and participation in the course is expected. Therefore, 3 or more missed assignments (exams, essays, quizzes) may result in up to a 10% penalty assessed on the final course grade. Missing more than 3 classes will also result in a 10% penalty assessed on the final course grade.
Tutoring Services	Tutoring services are available in person and online.
Counseling Services	All actively enrolled students can receive an initial assessment and up to five therapeutic sessions with a Behavioral Health provider at no cost to the student.
Student Code of Conduct	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
Student Complaints	NWFSC desires to resolve student grievances, complaints, and concerns expeditiously, fairly, and in an amicable manner. A student who desires to resolve a grievance may initiate the resolution process using the information in the link provided to the left.

<u>Student Rights and Responsibilities</u>	Understanding your role as a student.
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MAKE-UP WORK

The only available make-up work will be on Exam #1, #2, or #3. There will be a 25-point penalty on make-up exams without authorized excuses. All work must be completed within two days of original exam deadline date to receive any credit. No further deadline extensions will be made after missing one exam deadline. Very important: Absolutely no deadline extensions will be granted for the Lab Exam or for the Final Exam. Missing those exams will result in zeros. In addition, missed essays receive zeros. No extensions on McGraw-Hill Lab Activity assignments.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

Grading Scheme and Procedures

Grading Scale: 90-100 A; 80-89.9 B; 70-79.9 C; 60-69.9 D; <60 F

30% Exam 1, Exam 2, Exam 3,

15% Final Exam (Cumulative)

15% Lab Exam (Cumulative) (there is NO make up for this...please plan accordingly)

15% Essays/Blackboard assignments

15% Lab Activity Assignments (completed in McGraw-Hill Connect)

10% Quizzes (given every day in class, I do allow makeups, but it is the students responsibility to coordinate/track)

Assignment Schedule

Week	In Class/Schedule	Homework/Online Work
1	Course introduction (see video); Canvas instructions; McGraw-Hill Connect overview; Ch. 1 The Human Organism (54) Ch 2: The Chemical basis of Life (70) Lab: The Skull Please Take Online quiz on Syllabus due 8/27	Required assignments: Body Position (APR) A&P Revealed: Body Orientation Ch 1 Assessment Concept Overview Interactive: Chemistry Ch 2 Assessment The Skull (APR) Recommended: Ch 1: The Human Organism. This is the chapter reading and a quiz Ch 1 Assignment Ch 2 Chemical Basis of Life (reading and quiz) Ch 2 Assignment
2	Finish Ch 2 Ch. 3 Cell Biology (80) Ch 7 The Skeletal System (bone nomenclature slide 6-7) Quiz #1 on last week's material Lab: The Vertebra Please Take Online quiz on Syllabus due 8/27	Required assignments: Ch 3 Assessment A&P Revealed: Cells and Chemistry Concept Overview Interactive: Cells The Spine (APR) APR: Axial Anatomy Cell Biology Lab Simulation

		Recommended: Ch 3 Cell Biology (reading and quiz) Ch 3 Assignments
3	Ch 4 Tissues (66) Ch. 5 Integumentary System (41) Quiz #2 on last week's material Lab: The Pelvis	Required Assignments: A&P Revealed: Tissues Ch 4 Assessment Ch 5 Assessment A&P revealed: Integumentary Pelvis APR Review Ch 7 as needed Tissue Virtual Lab Recommended: Ch 4 Tissues (reading and quiz) Ch 4 Assignments Concept Overview Interactive: Histology Ch 5 Integumentary system (reading and quiz) Ch 5 Assignment Concept Overview Interactive: Integumentary
4	Finish Ch 5 Quiz #3 on last week's material Review On Unit1/bones ID	Required Assignments: Catch up on McGraw Hill Study
5	EXAM #1: Chapters 1-5 2 Short answer, 50 MC, 15 Bone IDs Respondus Lock Down Browser QUIZ due before test (this is just to get you to familiarize yourself with this software)	Study Short Answer Black Board Assignment Due by Test Bring Computer to Class (if you do not have a laptop, I have computers) McGraw Hill Unit 1 HW Due by class time
6	Ch. 6 Skeletal System: Bones & Bone Tissue (56) Ch 7 (71) Ch. 8 Joints and Movement; Skeleton lab (53) Lab: Scapula, Sternum, Clavicle, Rib	Required Assignments: Ch 6 Assessment APR Bone Histology APR Bone Histology Animation APR Ribs/Thoracic APR scapula/humerus A&P Revealed: Skeletal system Ch 8 Assessment Review Ch 7 as needed Recommended: Ch 6 Skeletal System (reading and quiz) Ch 6 Assignments Ch 8 Joints and Movement (Reading and quiz) Ch 8 Assignments Concept Overview Interactive: Articulations
7	Finish Ch 8 Quiz #4 on last week's material Start Ch 9 Lab: Humerus, radius, ulna	Required Assignments: Ch 9 Assessment A&P Revealed: Muscular System APR radius/ulna APR scapula/humerus Review Ch 7 as needed Recommended: Ch 9 Muscular system (reading and quiz) Concept Overview Interactive: Muscular System Ch 9 Assignments

8	Ch. 9 Muscular System: Histology & Physiology (110) Action Potential Activity Quiz #5 on last week's material Lab: hand bones, muscles Osteoporosis assignment Due by class	Required Assignments: Ch 10 Assessment Muscle APR assignment APR wrist and hand Muscle Contractions LAB Review Ch 7 as needed Recommended: Ch 10 Assignments Concept Overview Interactive: Muscle Physiology Ch. 10 Muscular System: Gross Anatomy (reading and quiz)
9	Ch. 10 Muscular System: Gross Anatomy (77) Unit 2 Review Quiz #6 on last week's material	Required Assignments: Catch up on McGraw Hill Study
10	EXAM #2: Chapters 6-10	Study Short Answer Black Board Assignment Due by Test McGraw Hill Unit 2 HW due by start of class
11	Ch. 11 Functional Organization of Nervous Tissue; (83) Ch. 12 Spinal Cord and Nerves (47) Lab: Femur	Required Assignments: Ch 11 Assessment Femur Anatomy (APR) Brain Anatomy (APR) A&P Revealed: Nervous System Ch 12 Assessment Spinal Nerve Review (APR) Virtual Lab: Demonstrate Monosynaptic Reflexes Nerve Cell LAB Recommended: Ch 11/12 Chapter reading and quiz Ch 11/12 Assignments
12	Ch. 13 Brain and Cranial Nerves; Sheep Brain Dissection; Quiz #7 on last week's material Lab: Dissection of brain	Required Assignments: Ch 13 Assessment Brain and Cranial Nerves (APR) Recommended: Ch 13/14 Assignments Ch 13/14 reading and quiz
13	Ch. 14 Integration of Nervous System Functions (70) Lab: Tibia, fibula, foot Quiz #8 on last week's material	Required Assignments: Ch 14 Assessment Review Ch 7 as needed Tibia/fibula/Foot (APR) Recommended: Ch 13/14 Assignments Ch 13/14 reading and quiz
14	Ch. 15 The Special Senses (92) Special Senses Lab Review for Unit 3 Test Review for Lab Final Quiz #9 on last week's material Ch. 16 Autonomic Nervous System (online)	Required Assignments: Ch 15 Assessment Eyes (APR) Concept Overview: The sense Virtual Lab: Eye and Vision - Accommodation of the Lens REQUIRED Ch 16 Assessment

	ALS/MS/Parkinson's/Alzheimer's Assignment Due	Recommended: Ch 15/16 Assignments Ch 15/16 reading and quiz
15	EXAM #3: Chapters 11-16	Required Assignments: Study Short Answer Black Board Assignment Due by Test McGraw Hil Hw unit 3 Due
16	LAB EXAM Bony, brain and muscle ID: timed exam. In person Review for Final After	Required Assignments: Study
17	Cumulative Final	Study

OTHER IMPORTANT INFORMATION

TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

This course is hybrid and uses online content. Students must provide their device(s) to access and complete this class online or can use the library. In addition to baseline word processing skills and sending/receiving emails with attachments, students will be expected to search the Internet and upload/download files. If you encounter technology challenges using course resources in the Learning Management System, email the Center for Innovative Teaching and Learning at online@nwfsc.edu or call 850-729-6464.

EMERGENCY COLLEGE CLOSURE

This course's schedule, requirements, and procedures are subject to change in the event of unusual or extraordinary circumstances. If the College closes for inclement weather or another emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college reopens. If changes to graded activities are required, students will not be penalized due to the adjustments but will be responsible for meeting revised deadlines and course requirements.

ACADEMIC INTEGRITY TOOLS

Northwest Florida State College subscribes to Turnitin, an online plagiarism detection and prevention service. By enrolling in this class, students consent to upload their papers to Turnitin, where they will be checked for plagiarism. Papers submitted to Turnitin may be saved as source documents within these databases to detect plagiarism in other papers. Please note: All assignments submitted in this course are analyzed for plagiarism and originality.

ACADEMIC CONTINUITY PLAN

NWFSC is dedicated to protecting the health and well-being of its students, staff, and faculty. The College is dedicated to working with faculty and students to ensure timely course and program completion during emergencies. In the event of a College closure, the format of this course may be modified to enable completion of the course through other means, including but not limited to online course delivery through online classrooms. Check your RaiderNet College email and LMS classroom online for any updates.

WELCOME TO CLASS

Thank you for choosing NWFSC for your education—and welcome to class!