

Health Sciences 1110

Integrated Human Anatomy & Physiology I

Course Description

Integrated Human Anatomy and Physiology I is the first semester of a two-semester anatomy and physiology sequence that focuses on the structure and function of the human body. Course module topics include: the atomic and molecular levels of organization, cell biology and metabolism, microbiology, and the integumentary, skeletal and muscular body systems. Weekly integrated laboratory sessions serve to enhance the lectures through discussions, data analysis, hands-on activities, and activities utilizing cadaver specimens and interactive digital cadaver technology. This course meets the life science (LS) general education learning outcomes for the university. Completion of HTHS 1101 is strongly recommended before taking HTHS 1110.

Course Materials and Resources

Principles of Anatomy and Physiology, Tortora & Derrickson, Wiley Publishers (WSU custom 14th edition package). The book and study guide are new; students should not attempt to use previous editions.

A study guide, including notes and PowerPoint slides, is packaged with the textbook. There are three available textbook packages, one with a hardcover textbook, one with a three-ring punched textbook, and one that provides access to the text as an E-book; choose one of the three. The only difference in the packages is how a student would like their textbook; everything else is the same. These packages are only available through the WSU Bookstore. Purchasing the textbook package also provides an access code to online resources provided by the publisher (WileyPlus) and utilized for laboratory activities. Don't throw away the code.

Supplemental Instruction (SI): Supplemental instructors are students who are willing to take time out of their busy schedules to help other students succeed in this course. Historically, students that regularly participate in SI sessions, earn higher grades. Times for the group-study sessions with the SI instructors will be posted by the beginning of the second week of the semester.

Tutoring Services: WSU Tutoring Services provides students with 2 hours of free tutoring per week. Contact Tutoring Services in the Student Services Building for more information.

Student Responsibility

To receive a quality grade, students are expected to master all of the information referenced in the learning objectives in the course. This typically requires students to spend a minimum of 12 or more hours per week studying outside of class and attending labs and SI sessions. It is the student's responsibility to make themselves aware of all course policies outlined in the syllabus,

keep up with the schedule, and complete all exams and assignments on time. Comments like “I didn’t know the test ended on Friday” should never occur.

Hints for Being Successful in This Course

A typical pattern of study for each module will be:

- Read/review the objectives for the module by quickly scanning the study guide, looking mostly at the pictures and section headings.
- Attend all lectures, or at a minimum view the online lectures and taking notes in the study guide as you follow along.
- Read the textbook pages outlined in the study guide. Reading assignments are in the yellow box on the study guide pages, just under the stated learning objective.
- Read the study guide more carefully a second time, making your own notes as necessary.
- Attend all lab sessions and participate in the lab activities.
- Go back over the areas that are still unclear by repeating the above steps.
- Complete the exam review worksheet, using it as a practice test or a guide for group study sessions.

Students may not collaborate with anyone on examinations, whether taken at a WSU Testing Center or through an approved proctor. Studying together is fine, but all course assessments (exams and quizzes) should represent the student's own knowledge of the subject matter.

Instructor Responsibility

The instructor of this course is committed to providing a well-organized learning environment with quality learning materials for students to succeed in this class. The instructor will evaluate all students equally in accordance with the policies and grading criteria outlined in this syllabus.

Grading

Students can view their grades online by going through the eWeber portal or directly to [WSU Online](#). Students are encouraged to check their grade and scores on a regular basis. Questions regarding posted scores should be addressed with the instructor as soon as possible.

Department Policy: If a student disappears from the course and does not officially withdraw before the official withdrawal deadline, then the student will be given a UW (unofficial withdrawal). If a student continues taking exams past the withdrawal deadline, then they will get a grade between A and E using the course grading scale, but with any missing exams or assignments factored in as zeroes.

The average grade in this course is a B-. If a student does not want this grade, don’t be average. For grade determination, a student’s final course percentage will be rounded to the nearest whole number. For example, if a student earns 92.5% of the points in the class, they will receive an A; 92.4 is an A-.

There are no “extra credit” or “special project” points available, so please do not ask. If the instructor grants any additional points, he/she will give them to the entire class. He/she will not give points to individual students for any reason; again, don’t ask.

Grade Breakdown

10 Module Exams	1000 Points
14 Laboratory Activities (5 points each)	70 Points
14 Lab Quizzes (5 points in lab)	70 Points
1 Comprehensive Final Exam	100 Points
TOTAL	1240 Points

Grade Scale

A = 93-100%	A- = 90-92%	B+ = 86-89%	B = 83-85%	B- = 80-82%	C+ = 76-79%
C = 73-75%	C- = 70-72%	D+ = 66-69%	D = 63-65%	D- = 60-62%	E = <60%

Exams

Module exams will be given after the completion of each learning module in the study notes. The format for these exams is multiple-choice with 50 questions on each exam. For all module exams, each question is worth 2 points. The final exam will consist of 100 multiple-choice questions, 1 point per question. The questions for the final exam will come from a list of selected objectives, posted online.

Department Policy: If a student knows that they will miss an examination, they may take it early. Exams are scheduled to allow students to complete the course during the period of one semester. It is the student’s responsibility to refer to the course calendar and know the due dates for all exams. Students that do not take the exam by the due date for any reason may take a late exam with a 10-point penalty. This exam must be taken no later than one week after the regular exam closing date. No exceptions. If the student does not make up the exam within this one-week time frame, the student will receive a score of zero (0) on the exam.

There are no late exams available for module 10 and the final because they fall at the end of the semester and the Testing Center policy does not allow "regular" exams to be taken during finals week. “Finals week” is set by the University, not by the department. All work must be completed by close of business on the last day of finals by University policy, so there are no extensions on the final exam. The date in the posted calendar is definitive. Please make sure that work shifts and family responsibilities do not conflict with the exam dates. Do not go by any other source (e.g., your best friend, horoscope in the newspaper, etc.) for when exams are due.

All exams should be taken at a [WSU Testing Center](#) or through an approved proctor if a student lives outside of a 50-mile radius of any WSU testing facility. It is the student's responsibility to check testing center hours for available testing times and testing center policies.

Testing is computerized and a wildcat userID and password are required. Students **MUST** present photo ID (student activity card, driver's license, military ID, etc.) to receive any exam. At the conclusion of each exam, a student's score will be immediately available, and they will be able to review the questions they have missed. Due to testing center traffic, this will be the only time students will be able to review the exam.

Laboratory Sessions

Due to the number of students in the HTHS 1110 and 1111 courses, all lab activities should be done during a student's scheduled lab time. Completing laboratory activities is mandatory and beneficial to succeeding in the course. Attendance and participation in each lab is worth 10 points per lab session (approximately 11% of a student's grade). Due to the amount of preparation required, students will not have the opportunity to make up any missed labs for any reason.

Pretest Quizzes and Exam Reviews

There are pretest quizzes and exam reviews available online for each module. Completing these is simply for a student's learning benefit. There are no "points" associated with them.

Schedule

See the course calendar for specific exam due dates and laboratory activities.

Health Sciences Cheating Policy

WSU Health Sciences Department treats all instances of cheating with the utmost level of seriousness and recognizes all WSU students as adults pursuing their education, and as adults, students are considered responsible for their actions. Students are subject to the cheating policies, codes, definitions, and sanctions established by Weber State University ([PPM 6-22](#)), by the Ezekiel R. Dumke College of Health Professions, by other departments, and by the Health Sciences Department. The Health Sciences Department has full right to investigate any work given for credit if they suspect a cheating incident has occurred, usually emphasized by extensive test taking time, or any proctor (remote or local) concerns. Specific Health Sciences sanctions typically apply to cheating during a test or cheating on class assignments. For additional definitions of cheating by the Health Sciences Department standards, please see <http://www.weber.edu/HealthSciences/resources/cheating.html>.

Know, that the cheating policy will be enforced by the Department of Health Sciences and the University as follows:

1. Warning - If a student is suspected of cheating, a warning may or may not be given, in verbal or written form, to the student(s) that his or her conduct is in violation of Weber State University rules and regulations; and that the continuation of such conduct or actions may result in further disciplinary action.
2. Failure of the Course - A student found cheating will receive an "E" (failure) and no credit for the course will be given. In addition, a report of the student's name, class, behavior, action, and resulting disciplinary measures will be sent to the Dean of Students to be included in the University's database; and a report will be sent to the departments connected to the student(s) within the Dumke College of Health Professions and the University.

The simplest and best policy is DO NOT CHEAT! In the world of medicine and healthcare, there is no tolerance for unethical behavior of any kind. It is the Health Sciences Department goal to prepare students for work in the medical field. Therefore, the Department's treatment of unethical behavior is severe and will most likely limit students' chances of pursuing healthcare programs.

Cell Phones

It is a student's responsibility to shut their cell phone off or change the ringer so that class is not disturbed. Students answering their phones during class time will be excused from the classroom. Students should have respect for their instructor and peers by not using their phones for any recreational purpose during class. The same applies to tablets and laptops. Please be courteous to those around you.

Letters of Recommendation

Because the HTHS 1110 and 1111 courses are prerequisites for many of the Dumke College of Health Professions programs, students often request a letter of recommendation from the instructor. If a student is not achieving a grade of a B or higher in the course, their request for a letter will be denied.

Course Content Disclaimer

You are enrolled in a health science course in which mention may be made of AIDS, birth control, reproduction, teenage pregnancy, sexually transmitted diseases, and related issues. In addition, digital videos of medical surgical procedures may be used in which sex organs may be visible for brief periods of time. The Health Sciences department presents this type of information in a professional manner. This course material is required for all professionals in the health care fields.

Student Services

Any student requiring accommodations or services due to a disability must contact [WSU Services for Students with Disabilities](#) (SSD) in Room 181 of the Student Services Center. SSD can also arrange to provide course materials (including this syllabus) in alternate formats if necessary.

Life Science (LS) General Education

The HTHS 1110 course is approved for life science general education by the faculty of Weber State University.

Life Science General Education Learning Outcomes

After completing the natural and life science general education requirements, students will demonstrate their understanding of general principles of science and the characteristics of life science:

1. Nature of science (NS). Scientific knowledge is based on evidence that is repeatedly examined, and can change with new information. Scientific explanations differ fundamentally from those that are not scientific.
2. Integration of Science (IS). All natural phenomena are interrelated and share basic organizational principles. Scientific explanations obtained from different disciplines should be cohesive and integrated.
3. Science and society (SS). The study of science provides explanations that have significant impact on society, including technological advancements, improvement of human life, and better understanding of human and other influences on the earth's environment.
4. Problem solving and data analysis (PS). Science relies on empirical data, and such data must be analyzed, interpreted, and generalized in a rigorous manner.
5. Levels of organization (LO). All life shares an organization that is based on molecules and cells and extends to organisms and ecosystems.
6. Metabolism and homeostasis (MH). Living things obtain and use energy, and maintain homeostasis via organized chemical reactions known as metabolism.
7. Genetics and evolution (GE). Shared genetic processes and evolution by natural selection are universal features of all life.
8. Ecological interactions (EI). All organisms, including humans, interact with their environment and other living organisms.