

Course Information and Syllabus

Instructor: Dr. Jon Scales
Email: jon.scales@mwsu.edu
Lecture: 0900-0950 MWF
Room: BO 100

Office: BO 218E
Office Hrs: by appointment

Course Philosophy:

This course provides the student with a thorough overview of human physiology and anatomy. The lecture portion focuses on physiological principles, while the laboratory emphasizes anatomical structure.

Course Materials

The textbook for this course is Anatomy & Physiology, Saladin, but any edition of any human anatomy and physiology text book will be fine. There is a lab manual required for lab.

It is expected that you will read the listed chapters from the textbook. One good method of doing this is to scan through the chapter before coming to class and then read the material we cover more thoroughly afterwards.

Versions of powerpoints slides used in lecture are available on the course D2L site.

Examinations:

We will have three (3) exams (including the final). The exams are non-comprehensive. Exams will cover material presented in lecture and from reading of the text.

There are no make-up exams. No exams may be missed. Missing an exam will result in being dropped from the course.

Attendance Policy:

Attendance to lab is mandatory. Obviously, attendance is crucial for successful performance in this course and attendance will be taken on a regular basis. Students with excessive absences will be dropped from the course. You are expected to come to class on time and remain for the entire period.

All absences will be considered as routine absences. No special consideration will be given for COVID illness or quarantine versus any other illness or reason for absence. The course is NOT an online course and lectures are not being recorded or posted on D2L.

Laboratory:

The lab portion of the course is 25% of your total grade. You will be dropped from the course if you miss 2 lab periods.

Grading:

| Grade Scale | Components of Grade | |
|-------------|--------------------------|------|
| A ≥ 90 | 3 Exams @ 25% each ----- | 75 % |
| B ≥ 80 | Laboratory ----- | 25 % |
| C ≥ 70 | | |
| D ≥ 60 | | |
| F < 60 | | |

Students should refer to the current MSU handbook and activities calendar for university policy on academic dishonesty, class attendance, student rights and activities.

Students with disabilities

It is the responsibility of students with disabilities to contact their instructor to determine what special accommodations might be made for them. Use of a tape recorder is fine and does not require any special permission. It will be the student's responsibility to identify classmates from whom they may share notes. Other accommodations may be made after consultation. Any requests must be made prior to the first exam.

Human Anatomy & Physiology I

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Tentative Lecture Schedule

| Week | Date | Topic | Reading |
|-------|----------------|---|---------|
| 1 | 1/10 | Course Introduction Conceptual overview | |
| 1 | 1/12 | Anatomical Terminology | 1 |
| 1-2 | 1/14-21 | Chemistry | 2 |
| 3 -4 | 1/24-2/4 | Cells | 3 |
| 5 | 2/7 | EXAM I | |
| 5 | 2/9-11 | Tissues | 5 |
| 6 | 2/14-18 | Integumentary System | 6 |
| 7 | 2/21-25 | Skeletal System - Bones | 7 |
| 8 | 2/28-3/4 | Skeletal System – skeleton | 8 |
| 9 | 3/7-11 | Skeletal System - joints | 9 |
| | 3/14-18 | SPRING BREAK | |
| 10 | 3/21 | EXAM II | |
| 10-11 | 3/23-28- | Muscle physiology | 11 |
| 11 | 3/30-4/1 | Nervous system | 12 |
| 12 | 4/4-8 | Nervous system - CNS | 13-14 |
| 13 | 4/11-13 | Nervous system - PNS | 13 |
| | 4/15 | EASTER HOLIDAY | |
| 14 | 4/18-22 | Nervous system - ANS | 15 |
| 15 | 4/25-29 | Special Senses | 16 |
| | 5/2 | FINAL EXAM 8:00 AM | |