

Anatomy

Section #1: Tuesday and Thursday, 2 PM Eastern

Section #2: Tuesday and Thursday, 3 PM Eastern

Instructor: Dallas Shipp, drshipp@gmail.com

Office Hours: 12PM to 2 PM Monday and Wednesday

I. Rationale:

Anatomy is a science class about the human body. This class incorporates biology and chemistry in order to explore God's design for human life and health.

II. Course Aims and Outcomes:

A. Aims

Anatomy is about the synergy, or cooperation, of the various systems of the human frame. In this class we will study those systems and how they work together. Along the way we will learn practical knowledge about nutrition, exercise, disease, and healing.

B. Specific Learning Outcomes

By the end of this course, students will:

- Practice taking organized notes.
- Write clearly and succinctly about science.
- Name the major organs and their functions.
- Identify major diseases and disorders according to symptoms and causes.
- Describe a balanced diet.
- Distinguish between kinds of exercise and their effects.
- Analyze and interpret medical evidence.
- Understand various treatments for major diseases.

III. Format and Procedures:

We will meet twice a week for class. Each section of the class will relate to readings in the textbook, but not every class will require fresh reading. Classes will focus on instruction through slide shows, and *successful students will take careful notes from the slides*. Classes usually include discussion and *ex tempore* questions. Each student will be expected to complete independent geography research reports. Each class should last between 30 and 45 minutes, and students ought to sign into Edmodo 5 minutes before class begins.

Each student is expected to attend class *prepared to write notes* and up to date on their reading assignments.

Students are expected to listen carefully in class, write when told to write, and maintain appropriate classroom decorum. Students are expected to act like ladies and gentlemen. Questions are always welcome in and outside of class.

Each section of the class will conclude with a test. Each test is a written test with questions that require exposition with complete sentences and paragraphs.

IV. My Assumptions

I expect my students to attend class, take notes, read assignments, and take assessments. This class does not require previous knowledge of anatomy or previous science courses.

V. Course Requirements:

1. Students must bring notebooks and writing instruments to each class.
2. Each student should purchase and use [*Exploring Creation with Human Anatomy and Physiology*](#) from Apologia Press.
3. Students are expected to answer assessment questions in complete sentences and organized paragraphs. Parents ought to use the assessments to coach students on writing skills.
4. Students are expected to attend class on time.
5. Course readings are tentatively scheduled in the schedule in the syllabus, but will be specifically assigned in class.

VI. Expectations for Parents

- Set aside a calm, quiet, distraction-free space for your child(ren) to work every day.
- Ensure virtual learning equipment is available and charged.
- Establish routines and expectations and a basic schedule for completing classwork.
- Help students ‘own’ their learning.
- Check Edmodo for communications from teachers and help students print off resources that are provided.
- Stay abreast of teacher feedback in the form of grades or other messages.
- Proctor tests, quizzes, or other assessments as scheduled by the teacher. Parents ensure academic integrity because they are on the “live” side of the screen.
- Communicate with teachers regularly via email or Edmodo regarding any questions or issues that arise.

- If your child is having trouble completing work, email teachers to schedule a time for an online meeting.

VII. Grading Procedures

Grades will be weighted on the following scale:

A: 90-100%	Excellent, Outstanding Work
B: 80-90%	Good, Above Average Work
C: 70-80%	Average, Adequate Work
D: 60-70%	Below Average, Inadequate Work
F: >60%	Deficient Work

Assignment Weight

Tests: 70% of the final grade.

Participation: 20% of the final grade.

Student Reports: 10% of the final grade.

VIII. Academic Integrity

Each student in this course is expected to abide by the Cornell University Code of Academic Integrity. Any work submitted by a student in this course for academic credit will be the student's own work.

You are encouraged to study together and to discuss information and concepts covered in lecture and the sections with other students. One great way to assess what you know is to teach the idea to a peer! You may also work together on problem sets and give "consulting" help to or receive "consulting" help from your peers. However, this permissible cooperation should never involve one student having possession of a copy of all or part of work done by someone else, in any form. *No outside material may be substituted or consulted during an assessment. Notes and internet searches may not be consulted for fair assessments.* Assignments that have been previously submitted in another course may not be submitted for this course.

Should copying occur, both the student who copied work from another student and the student who gave material to be copied will both automatically receive a zero for the assignment. Penalty for violation of this Code can also be extended to include failure of the course and disciplinary action.

During examinations, you must do your own work. Talking or discussion is not permitted during the examinations, nor may you compare papers, copy from others, or collaborate in any way. Any collaborative behavior during the examinations will result in failure of the exam and may lead to failure of the course and disciplinary action.

IX. Tentative Course Schedule

Topics	Readings to be discussed	Schedule
Introduction: Human Systems	N/A	August
The Cell	Lesson 1	Early September
Skeletal System	Lesson 2	Late September
Muscular System	Lesson 3	Early October
Digestive System	Lesson 4	Late October + November
Renal System	Lesson 4	December
Cardiovascular System	Lessons 7 + 8	January
Nervous System	Lessons 9 + 10	February
Endocrine System	N/A	March
Respiratory System	Lesson 6	April
Vitamins and Nutrition	Lesson 5	May