

Syllabus for
PHS 223—Human Anatomy Lecture
3.0 Credit hours
Spring 2015

I. COURSE DESCRIPTION

An introductory course that presents the structure of the human organism from the cellular level to the organismal level. Includes the study of skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Does not count toward a major in biology.)

Prerequisite: One semester of general biology or chemistry with lab.

Corequisite: PHS 223 lab.

II. COURSE GOALS

This course strives to give the student a working knowledge and understanding of the fundamental principles of human anatomy. The student should also have the ability to use this knowledge in his or her area of study and have a greater appreciation of his or her own body.

III. STUDENT LEARNING OUTCOMES FOR THIS COURSE

As a result of successfully completing this course, the student will be able to discuss how structure and function are related in any of the organismal systems.

IV. TEXTBOOKS AND OTHER LEARNING RESOURCES

Required Textbook:

Marieb, Elaine N., Jon Mallatt, and Patricia Brady Wilhelm. 2012. 7th edition.

Human Anatomy. San Francisco: Pearson Benjamin Cummings. ISBN: 978-0321822413.

V. POLICIES AND PROCEDURES

A. University Policies and Procedures

1. Attendance at each class or laboratory is mandatory at Oral Roberts University. Excessive absences can reduce a student's grade or deny credit for the course.
2. Students taking a late exam because of an unauthorized absence are charged a late exam fee.
3. Students and faculty at Oral Roberts University must adhere to all laws addressing the ethical use of others' materials, whether it is in the form of print, electronic, video, multimedia, or computer software. Plagiarism and other forms of cheating involve both lying and stealing and are violations of ORU's Honor Code: "I will not cheat or plagiarize; I will do my own academic work and will not inappropriately collaborate with other students on assignments." Plagiarism is usually defined as copying someone else's ideas, words, or sentence structure and submitting them as one's own. Other forms of academic dishonesty include (but are not limited to) the following:
 - a. Submitting another's work as one's own or colluding with someone else and submitting that work as though it were his or hers;

- b. Failing to meet group assignment or project requirements while claiming to have done so;
 - c. Failing to cite sources used in a paper;
 - d. Creating results for experiments, observations, interviews, or projects that were not done;
 - e. Receiving or giving unauthorized help on assignments.
By submitting an assignment in any form, the student gives permission for the assignment to be checked for plagiarism, either by submitting the work for electronic verification or by other means. Penalties for any of the above infractions may result in disciplinary action including failing the assignment or failing the course or expulsion from the University, as determined by department and University guidelines.
4. Final exams cannot be given before their scheduled times. Students need to check the final exam schedule before planning return flights or other events at the end of the semester.
5. Students are to be in compliance with University, school, and departmental policies regarding the Whole Person Assessment requirements. Students should consult the Whole Person Assessment handbooks for requirements regarding general education and the students' majors.
- a. The penalty for not submitting electronically or for incorrectly submitting an artifact is a zero for that assignment.
 - b. By submitting an assignment, the student gives permission for the assignment to be assessed electronically.

B. Course Policies and Procedures

1. Evaluation Procedures

The students are required to have a working knowledge and an understanding of the material studied in **PHS 223 lecture and PHS 223 lab**. This will be evaluated by exams, quizzes and a final examination. Due to the corequisite nature of the laboratory material, students are held responsible for the material in laboratory as well as the lecture on lecture exams. Each examination is 100 points timed 50-minute comprehensive essay, matching and multiple choice type exams. **NO makeup exams or quizzes are given unless an official administrative excuse is presented. Students must present the official administrative form in order to complete work missed during an absence. Makeup is limited to a seven day period. No late work will be accepted under any circumstance.** A 200-point **comprehensive final** is given only during the finals week designated time. Students are assigned a letter grade based on the examinations, quizzes, and final examination scores. The following is a breakdown of the possible points and percentages to be earned:

10 Weekly Quizzes, approx. (20 pts)	200 pts.
3 Exams (100 pts./each)	300 pts
Final Exam (200 pts)	200 pts
TOTAL	700 pts

2. Whole Person Assessment Requirements

None

VI. COURSE CALENDAR

READING SHOULD BE DONE BEFORE COMING TO CLASS.

WEEK	TOPIC	CHAPTER
1	An Orientation to the Human Body & Imaging	Ch. 1
	Embryology	Ch. 3
2	Tissues	Ch. 4
	Integumentary System, Hair	Ch. 5
	Bones	Ch. 6
3	Skull	Ch. 7
	Axial Skeleton	Ch. 7
	Appendicular Skeleton	Ch. 8
4	Appendicular Skeleton, Joints	Ch. 8, 9
	Exam 1	
	Muscles, Head, Neck, Trunk	Ch. 10
5	Axial Muscles	Ch. 10
	Shoulder & Arm Muscles	Ch. 11
	Hip, Leg, & Foot Muscles	Ch. 11
6	Neurons & Glia	Ch. 12
	Central Nervous System	Ch. 13
	Peripheral Nervous System	Ch. 14
7	Autonomic Nervous System	Ch. 15
	Body Coordination & Neural Pathways	
	Special Senses: Vision, Hearing	Ch. 16
8	Cardiology	Ch. 19
	Blood Vessels	Ch. 20
	Blood	Ch. 18
9	Lymphatic System & Immunity	Ch. 21
	Exam 2	
	Respiratory System	Ch. 22
10	Control of Respiration	Ch. 22
	Digestive System	Ch. 23
	Digestive System	Ch. 23
11	Visceral Organs in Thorax & Abdomen	Ch. 22, 23
	Urinary System	Ch. 24
	Urinary System	Ch. 24
12	Kidney	Ch. 24
	Reproductive System	Ch. 25

	Male Reproductive Organs	Ch. 25
13	Female Reproductive Organs	Ch. 25
	Pregnant Female	Ch. 25
	Pituitary Gland	Ch. 17
14	Hypothalamus & Pineal Gland	Ch. 17
	Endocrine Organs	Ch. 17
	Endocrine Organs	Ch. 17
15	Exam 3	
	Review for Final	
	Review for Final	

Course Inventory for ORU's Student Learning Outcomes

Human Anatomy Lecture – PHS 223 Spring 2015

This course contributes to the ORU student learning outcomes as indicated below:

Significant Contribution – Addresses the outcome directly and includes targeted assessment.

Moderate Contribution – Addresses the outcome directly or indirectly and includes some assessment.

Minimal Contribution – Addresses the outcome indirectly and includes little or no assessment.

No Contribution – Does not address the outcome.

The Student Learning Glossary at <http://ir.oru.edu/doc/glossary.pdf> defines each outcome and each of the proficiencies/capacities.

OUTCOMES & Proficiencies/Capacities		Significant Contribution	Moderate Contribution	Minimal Contribution	No Contribution
1	Outcome #1 – Spiritually Alive Proficiencies/Capacities				
1A	Biblical knowledge			X	
1B	Sensitivity to the Holy Spirit				X
1C	Evangelistic capability			X	
1D	Ethical behavior	X			
2	Outcome #2 – Intellectually Alert Proficiencies/Capacities				
2A	Critical thinking	X			
2B	Information literacy	X			
2C	Global & historical perspectives			X	
2D	Aesthetic appreciation	X			
2E	Intellectual creativity	X			
3	Outcome #3 – Physically Disciplined Proficiencies/Capacities				
3A	Healthy lifestyle			X	
3B	Physically disciplined lifestyle			X	
4	Outcome #4 – Socially Adept Proficiencies/Capacities				
4A	Communication skills	X			
4B	Interpersonal skills	X			
4C	Appreciation of cultural & linguistic differences			X	
4D	Responsible citizenship	X			
4E	Leadership capacity		X		