

Syllabus for
PHS 223—Human Anatomy Lecture
3.0 Credit hours
Summer 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 integumentary, skeletal, muscular, nervous, cardiovascular, lymphatic, respiratory, gastrointestinal, endocrine, urinary, and reproductive 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 enables the student to gain a working knowledge and understanding of fundamental terminology and human anatomy. The course focuses on preparation for health care careers with consideration of various examples of pathology. The student will gain the ability to use this knowledge in the area of study they have chosen, whether health care or other discipline.

III. STUDENT LEARNING OUTCOMES FOR THIS COURSE

As a result of successfully completing this course, the student will be able to discuss intelligently and critically evaluate how structure in the human body is related to function of the different organ systems.

IV. TEXTBOOKS AND OTHER LEARNING RESOURCES

Required Textbook:

Marieb EN, Mallatt J, Wilhelm PB. Human Anatomy. 7th ed. San Francisco: Pearson; 2013.
ISBN: 9780321832535.

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 quizzes and exams. Due to the co requisite nature of the laboratory material, students are held responsible for the material in laboratory as well as the lecture. **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. No late work can be accepted under any circumstance.** Students are assigned a letter grade based on their quiz and examination scores. Students will **NOT** be given extra credit for any reason. The following is a breakdown of the approximate points to be earned:

Quizzes (5 @ 20pts each)	100 points
Exams (3 @ 100pts each)	<u>300 points</u>
Total	400 points

2. Whole Person Assessment Requirements None

VI. COURSE CALENDAR

<u>DAY</u>	<u>TOPIC</u>
1	Intro (Ch. 1) Cells (Ch. 2)
2	Tissues (Ch. 4) Integumentary System (Ch. 5)
3	Bone (Ch. 6) Axial skeleton (Ch. 7)
4	Appendicular skeleton (Ch. 8) Articulations (Ch. 9)
5	EXAM 1 (Chapters 1, 2, 4-9) Muscle (Ch. 10)
6	Axial muscles (Ch. 11)
7	Appendicular muscles (Ch. 11)
8	Nerves (Ch. 12) Central nervous system (Ch. 13)
9	Peripheral NS (Ch. 14) Autonomic NS (Ch. 15) Special Senses (Ch. 16)
10	EXAM 2 (Chapters 10-16) Respiratory system (Ch. 22)
11	Blood (Ch. 18) Cardiovascular system (Ch. 19 & 20) Lymphatics (Ch. 21)
12	Digestive system (Ch. 23) Endocrine system (Ch. 17)
13	Urinary system (Ch. 24) Reproductive systems (Ch. 25)
14	EXAM 3 (Chapters 17-25)

Course Inventory for ORU's Student Learning Outcomes

Human Anatomy Lecture – PHS 223 Summer 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		