

Syllabus for
BIO 200—Human Cadaver Dissection
1 Credit hour
Fall 2015

I. COURSE DESCRIPTION

An introductory laboratory course that presents the techniques and skills necessary to study the structure of the human organism. Models and cadavers are used for the dissection and study of the skeletal, muscular, nervous, cardiovascular, lymphatic, respiratory, gastrointestinal, endocrine, urinary, and reproductive systems. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

Prerequisite: 3.0 GPA, declared major with pre-med concentration, and permission of instructor
Lab Fee: \$100.

II. COURSE GOALS

This course will enable the student to have a working knowledge and an understanding of the fundamental dissection techniques used to study human anatomy.

III. STUDENT LEARNING OUTCOMES FOR THIS COURSE

As a result of successfully completing this course, the student will be able to discuss and demonstrate a variety of dissection techniques pertinent to the study of how structure and function are related in any of the human organismal systems.

IV. TEXTBOOKS AND OTHER LEARNING RESOURCES

Required Textbook:

Gilroy AM, MacPherson BR, Ross LM, Schuenke M, Schulte E, Schumacher U. Atlas of Anatomy. 2nd ed. New York: Thieme; 2014. ISBN: 9781604067453.

Recommended Material:

Scrubs and labcoat

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 techniques and materials studied in Human Cadaver Dissection. Students will be evaluated on attendance, participation, quality of dissections, and anatomical knowledge. The grade given will be "pass" or "fail." The following is the anticipated grade summary breakdown:

Class Attendance	50 points
Dissection Technique	50 points
Quizzes	<u>100 points</u>
Final Grade	200 points

- 2. Whole Person Assessment Requirements
None

VI. COURSE CALENDAR

Dissections will be announced. New dissections are dependent on previously dissected material.

Course Inventory for ORU's Student Learning Outcomes

Human Cadaver Dissection – BIO 200 Fall 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		