

Embryology Syllabus

ZOO 3603

Professor: Dr. Maria Cristina Terreros

Office: OE 201 (inside OE-200)

Text required: The Developing Human. Clinically Oriented Embryology. K. L. Moore; T. V. N. Persaud; M. G. Torchia – Elsevier/ Sanders. 8th, 9th or 10th Editions.

Text recommended: Langman's Medical Embryology. 12 ed. T.W. Sadler - Wolters Kluwer Health & Lippincott / Williams and Wilkins

Office hours: Monday 1:00-3:00pm and Wednesday 1:00pm - 3:00pm. Students should contact Dr Terreros by e-mail (terrerosm@fiu.edu) to make an appointment. DO NOT use CANVAS e-mail. Please, do not show up to my office without an appointment since sometimes for academic reasons or personal emergencies changes in these office hours could happen. Thus, if you have a previous appointment I can contact you by e-mail to re-schedule it. Also, during the final exams week since the semester ends the week before office hours will be modified and given by appointment only.

Credit hours: three (3).

Course objective: This course provides an overview of early development from gametogenesis through the embryonic period. Also provides a description of the fundamental processes of embryogenesis for each organ system. The development of specific organs and systems is described in a systematic manner, followed by lectures dealing with the highlights of the fetal period, the placenta and fetal membranes, and the causes of human birth defects.

Performance Measures:

Students will be evaluated on the following:

Exams 1- 4: 25% for each of the 4 hour exams.

Exam dates:

- Exam 1 September 17, 2018
- Exam 2 October 8, 2018
- Exam 3 October 29, 2018.
- Exam 4 November 14, 2018.

Four multiple choice exams will be given. Each exam will cover all the lectures which have been assigned prior to each exam. Please, be on time on the exam day, only 5 minutes late will be considered in order to do the exam.

Exams are available for review after the 3rd. exam and until November 19, 2018. You have to make an appointment to review your exams.

Test Yourself: Sample questions for all exams will be posted on Canvas. Mostly questions will be included in the actual exams. Off day to do this sample test will be given the class before of all exams except exam 4.

You will be evaluated using the following scale:

- A= 92.6-100%
- A-= 89.6-92.5%
- B+= 86.6-89.5%
- B= 82.6-86.5%
- B-= 79.6-82.5%
- C+= 76.6-79.5%
- C= 70.6- 76.5%
- D=70.5-59.6%
- F=59.5% or below

THE FINAL GRADE WILL NOT BE CURVED.

Important Note: Please remember that your grades are earned not given. I will not answer emails or personal requests asking for better grades than earned in class. Your grades will be based on your achievements and class activity.

Fall Schedule 2018 - Time: M-W: 3:00-4:15pm.

Lectures	Topics	Reading
Week 1		Assignment
	Introduction	
	First week of human development	Ch. 2
Week 2	Continuation	Ch. 2
	Second week of.....	Ch. 3
Week 3	Labor day (No Class, University closed)	
	Third week of human development	Ch. 4
Week 4	Fourth to eight weeks.../ Human birth defects	Ch. 5, 20
	Test Yourself (Homework – Study Guide)	
Week 5	Exam 1 (covers chapters 2 to 5 and 20)	
	Nine week to birth....	Ch. 6
Week 6	Placenta and fetal membranes	Ch. 7
	Body cavities and diaphragm	Ch. 8
Week 7	Pharyngeal apparatus	Ch. 9
	Test Yourself (Homework – Study Guide)	
Week 8	Exam 2 (covers chapters 6 to 9)	
	Pharyngeal apparatus (continuation)	Ch. 9
Week 9	Respiratory system	Ch.10
	Alimentary system	Ch. 11
Week 10	Urinary system	Ch. 12
	Test Yourself (Homework – Study Guide)	
Week 11	Exam 3 (covers chapters 9 to 12)	
	Genital system	Ch. 12
Week 12	Cardiovascular system	Ch.13
	Continuation ch. 13/ Development of the limbs	Ch. 16
Week 13	Veterans Day observed. No class	
	Exam 4 (covers chapters 12, 13 and 16)	
Week 14	Thanksgiving. No class	
Week 15	OFF – day to do the evaluations online	

The professor has the right to alter the schedule if it should be necessary.

Make up Exams: will be given only to students providing valid documentation of a medical or other serious situation. Make-Up exams could be based in the form of **essay questions.**

Letters of recommendation or Evaluations forms will be provided ONLY to those students that take Embryology lecture and Embryology lab and shows an excellent performance mostly in labs. You have to ask for it ONLY by email and DO NOT make appointments.

ACADEMIC MISCONDUCT

All students in this class are expected to abide by the university's Code of Academic Integrity, which states:

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of Florida International University.

As a student of this university:

I will be honest in my academic endeavors.

I will not represent someone else's work as my own.

I will not cheat, nor will I aid in another's cheating.

All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

It is important to have respect towards the instructors and fellow classmates. Inconsiderate, disrespectful, dishonest, or disruptive behavior, as the instructor or your fellow classmates perceive it, or as is described in the Student Handbook, is unacceptable in this course. The instructors reserve the right to ask you to leave or have you removed if such behavior is present. Such behavior may bring about official disciplinary procedures as outlined in the Student Handbook.

Use of cell phones, beeper, music/video devices, or other devices that are disruptive to the other student or professor and/ or used in a dishonest way against to the other student or professor are **NOT** allowed during the lectures

and again, may bring about official disciplinary procedures as outlined in the Student Handbook. **YOU ARE REQUIRED TO TURN-OFF YOUR CELL PHONES, VIDEO DEVICES AND BEEPERS PRIOR TO THE START OF CLASS.**

NOTE: This syllabus is subject to change. Please check the on-line syllabus often for modifications.