

# *Embryology Syllabus*

## *ZOO 3603*

**Professor:** Dr. Maria Cristina Terreros    **Office:** OE 201

***Text required:*** The Developing Human. Clinically Oriented Embryology.

K. L. Moore; T. V. N. Persaud; M. G. Torchia – Elsevier/ Sanders. 8<sup>th</sup>, 9<sup>th</sup> or 10<sup>th</sup> 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 ([terrorom@fiu.edu](mailto:terrorom@fiu.edu)) to make an appointment. Do NOT use backboard 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      February 6, 2017.  
Exam 2      February 22, 2017  
Exam 3      March 27, 2017.  
Exam 4      April 17, 2017.

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.

**Test Yourself: Sample questions for all exams will be posted on blackboard. Mostly questions will be included in the actual exams. Off day to do this sample test will be given ONLY the class before of exams 3 and 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.**

### **Perfect attendance to the lectures:**

Five (5) extra points will be added to the final grade. In order to get the extra points you have to sign in every lecture with your panther ID at hand.

### **Perfect attendance allows just ONE absence:**

You can use this absence for any interview, medical emergency, jury service, etc., because the 5 extra points is a **reward**, if you have more than one

absence you lose the 5 extra points. It means that, you can have 5 extra points or nothing.

**Spring Schedule 2017 - Time: M-W: 3:00-4:15pm.**

<b>Lectures</b>	<b>Topics</b>	<b>Reading</b>
Week 1		<b>Assignment</b>
	Introduction	
	First week of human development	Ch. 2
Week 2	<b>Martin Luther King (University closed)</b>	
	First week of.....Continuation	Ch. 2
Week 3	First week of .....Continuation	Ch.2
	Second week of human development	Ch.3
Week 4	Third week of human development	Ch. 4
	Fourth to eight weeks..../ Human birth defects	Ch. 5, 20
Week 5	Exam 1(covers chapters 2 to 4)	
	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
	Exam 2 (covers chapters 6 to 12)	
Week 8	Pharyngeal apparatus continuation	Ch. 9
	Continuation	Ch. 9
Week 9	Respiratory system	Ch.10
	Alimentary system	Ch.11
Week 10	<b>Spring Break</b>	
Week 11	Urinary system	Ch.12
	Test yourself (Homework)	
Week 12	Exam 3 (covers chapters 9 to 12)	
	Genital system	Ch. 12
Week 13	Cardiovascular system	Ch. 13
	Continuation	Ch. 13
Week 14	Continuation/ Development of the limbs	Ch. 13, 16
	Test yourself (Homework)	
Week 15	Exam 4 (covers chapters 12, 13 and 16)	
	OFF – day to do the evaluations	

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

### ***Make up Exams***

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**.

### ***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.*