

Syllabus 2008-2009

WK.#	LECTURE TOPIC	LAB. TOPIC
1.	Introduction & Orientation	1. Introduction+ Orientation
2.	Female Reproductive System: Oogenesis.	2. Oogenesis in Ascaris
3.	Male Reproductive System: Spermatogenesis	3. Spermatogenesis in Grasshopper
4.	Fertilization and Cleavage	4. Fertilization in Sea Urchin
5.	Assisted Reproduction Technology	5. Cleavage + Neurulation in Frog.
6.	First and Second Week of Human Development	6. Frog Development I (3 mm Embryo).
7.	Third week of Human Development Germ Layers Derivatives	7. Frog Development II (5-7mm Embryo)
8.	FIRST HOUR EXAM	8. MID TERM EXAM.
9.	Development of the Skin & its Derivatives	9. Early Chick Development
10.	Development of the Central Nervous System	10. 24 Hr. Chick Embryo
11.	Development of the Eye, Ear and Nose	11. 36 Hr. Chick Embryo
12.	Development of the Heart and Blood Vessels	12. 48 Hr. Chick Embryo
13.	Development of the Limb, Kidneys and Gonad	13. 72 Hr. Chick Embryo
14.	SECOND HOUR EXAM Development of Digestive and Respiratory Systems	14. 10 mm pig Embryo
15.	Fetal Membranes + Placenta	15. FINAL EXAM.

GRADING SYSTEM

1	First Hr. Exam	150 points	4	Second Hr. Exam	150 points
2	Mid term lab exam	100 points	5	Final lab exam	150 points
3	Lab quizzes+ Class Particip.	150 points	6	Final theory exam	300 points

Suggested References:

1. Moore, K. 2005. The Developing Human. Saunders Publishing Comp., London, U.K.
2. Rugh, R. 1987. A Guide to Vertebrate Development, McMillan Publishing Co., London, U.K.
3. Al-Hajj, H. 1997. Basics of Embryology (in Arabic). Univ. of Jordan, Amman, Jordan.
4. Sadler, T. 2004. Langman's Medical Embryology. Lippincott Williams and Wilkins, London, U.K.