

نموذج رقم (١٢)

جامعة: Mansoura

كلية: Nursing

قسم: pediatric nursing department

توصيف مقرر دراسي

١- بيانات المقرر		
الفرقة/المستوى: Master level 2012/2013	Embryology and Genetics علم الاجنه والوراثة	اسم المقرر: MPE4
2 hrs x 32 = 64hrs	نظري عملي	التخصص: Pediatric nursing

To provide a core body of scientific knowledge concerning the normal structure of the human body at the level of the anatomical regions and organs with the study of the normal growth and development relevant to anatomical topics, to provide appropriate ethical and professional education necessary for dealing with cadavers and to correlate anatomical facts with their clinical applications.	٢- هدف المقرر:
٣- المستهدف من تدريس المقرر :	
<p>A1-Describe the basic anatomical principles of the structure and relations of the different anatomical regions, organs and systems of the human body.</p> <p>A2- Recognize the surface landmarks of the underlying bones, muscles and tendons, and internal structures (main nerves, vessels and viscera).</p> <p>A3- Explain the different stages of human development, evolution and growth.</p> <p>A4- Identify chromosomal abnormalities</p> <p>A5- Clarify mendelian inheritance</p> <p>A6- Describe placental circulation</p> <p>A7- Explain unusual genetic mechanisms</p>	أ- المعلومات والمفاهيم:
<p>B1- Distinguish the different internal structures.</p> <p>B2- Describe the different surface markings of internal structures and organs on the living subject.</p>	ب- المهارات الذهنية الخاصة بالمقرر:

<p>B3- Differentiate between different phases of human embryology</p>	
<p>C1- Apply some clinical findings in relation to developmental basis. C2- Find out phases of human embryology C3- Find out chromosomal abnormalities</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>
<p>D1- Appreciate the influence of genetics factors on the child's health. D2- Establish effective channels of communication with families about genetic counseling</p>	<p>د- المهارات العامة:</p>
<p>A. Embryology 1. phase of human Embryology 2. the fetal period: Ninth week to birth - estimation of fetal age - highlights of fetal period - factor influencing fetal growth 3. the placenta and fetal membranes - Placental circulation. - The umbilical cord.</p> <p>B. Genetics 1. chromosomal abnormalities - Down syndrome - Turner syndrome 2. Mendelian inheritance - Autosomal recessive - Autosomal dominant - X-link recessive 3. unusual genetic mechanisms - Fragile x syndrome. 4. Polygenic or multifactorial inheritance. 5. Gene therapy. 6. Dysmorphology. Genetic counseling</p>	<p>٤- محتوى المقرر:</p>
<p>- Lectures. - Conference (group discussion).</p>	<p>٥- أساليب التعليم والتعلم :</p>
<p>Not applicable</p>	<p>٦- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة :</p>

٧- تقويم الطلاب:	
- Written exam	أ- الأساليب
- Oral exam	المستخدمة:
Written exam	33 rd week
Oral exam	33 rd week
	ب- التوقيت:
Final-term Examination	30 60%
<u>Oral Examination</u>	<u>20 40%</u>
Total	50 100
	ج- توزيع الدرجات:
٨- قائمة الكتب الدراسية والمراجع :	
<ul style="list-style-type: none"> Elementary human anatomy series: Books written by the staff members and authorized by the department .Each part include text book, diagrammatic atlas and summary available for the students to purchase from different bookshops outside the faculty. 	أ- مذكرات
<ul style="list-style-type: none"> Essential Books (Text Books) Cunningham's anatomy Gray's anatomy. 	ب- كتب ملزمة:
<ul style="list-style-type: none"> Emery's. .(2007): Elements of Medical Genetics,13ed Churchill Living stone. El servier Co. 	ج- كتب مقترحه:
<ul style="list-style-type: none"> Google.Com www. Sciencedirect.com. - - www.mans.edu.eg 	د- دوريات علمية أو نشرات .. الخ

أستاذ المادة:

رئيس مجلس القسم العلمى:

ا.د/ اميره حسانين