نموذج رقم (۱۲)

جامعة: Mansoura

كلية: Nursing

قسم: pediatric nursing department

## توصيف مقرر دراسي

الفرقة/المستوى: Master level 2012/2013	Embryology an Genetics	اسم المقرر:		<ul><li>١ بيانات المقر</li><li>الرمز الكودى:</li></ul>
2 hrs x 32 = 64hrs	نظر <i>ي</i> عملي	عدد الساعات الدراسية:	Pediatric nursing	التخصص:

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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:
س المقرر:	٣- المستهدف من تدري
Al-Describe the basic anatomical principles of the structure and relations of the different anatomical regions, organs and systems of the human body.	
A2- Recognize the surface landmarks of the underlying bones, muscles and tendons, and internal structures (main nerves, vessels and viscera).	
A3- Explain the different stages of human development, evolution and growth.	أ- المعلومات
A4- Identify chromosomal abnormalities	أ- المعلومات والمفاهيم:
A5- Clarify mendelian inheritance	
A6- Describe placental circulation	
A7- Explain unusual genetic mechanisms	
B1- Distinguish the different internal structures.	
B2- Describe the different surface markings of internal structures and organs on the living subject.	<ul><li>ب- المهارات الذهنية</li><li>الخاصة بالمقرر:</li></ul>

C1- Apply some clinical findings in relation to developmental basis.  C2- Find out phases of human embryology  C3- Find out chromosomal abnormalities  D1- Appreciate the influence of genetics factors on the child's health.  D2-Establish effective channels of communication with families about genetic counseling  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.  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. 6. Genetic counseling  - Lectures.	10 (	الهيئة القومية تصمان جود
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7 – أساليب التعليم والتعلم للطلاب ذوى	- Conference (group discussion).	والتعلم:
والتعلم للطلاب ذوى التعلم للطلاب ذوى	NT / 1' 11	٦- أساليب التعليم
	Not applicable	والتعلم للطلاب ذوى
القدرات المحدودة :		القدرات المحدودة:

	,	٧- تقويم الطلاب:
- Written exam		أ- الأساليب
- Oral exam		المستخدمة:
Written exam Oral exam	33 <sup>rd</sup> week 33 <sup>rd</sup> week	ب- التوقيت:
Final-term Examination 30 60%  Oral Examination 20 40%  Total 50 100		ج- توزيع الدرجات:
	بة والمراجع :	٨- قائمة الكتب الدراسي
<ul> <li>Elementary human anatomy series: Books written by the staff</li> <li>members and authorized by the department .Each part include text book,</li> <li>diagrammatic atlas and summary available for the students to purchase from different bookshops outside the faculty.</li> </ul>		أ– مذكرات
<ul> <li>Essential Books (Text Books)</li> <li>Cunningham's anatomy</li> <li>Gray's anatomy.</li> </ul>		ب- كتب ملزمة:
• Emery's(2007): Elements of Medical Genet Co.	ics,13ed Churchill Living stone. El servier	ج- كتب مقترحه:
<ul> <li>Google.Com</li> <li>www. Sciencedirect.com.</li> <li>- www.mans.edu.eg</li> </ul>		د- دوريات علمية أو نشرات الخ

أستاذ المادة:

رئيس مجلس القسم العلمى:

ا.د/ امیره حسانین