

نموذج رقم (12)

جامعة: Mansoura

كلية: Nursing

قسم: Nursing Administration

توصيف مقرر دراسي

2017-2018

1- بيانات المقرر		
4 th level (8 th semester) الفرقة/المستوى:	Application of information technology in health care field اسم المقرر: تطبيقات تكنولوجيا المعلومات في مجال الرعاية الصحية	CSc 804 الرمز الكودي:
	1 credit hours نظري عدد الساعات 1 credit hours عملي الدراسية:	B.Sc. in Nursing التخصص: credit hour system

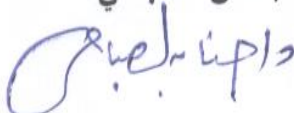

This course aims to provide students with knowledge, skills and attitudes necessary for the application of information technology in terms of data processing and files electronically management in provision of health care in different health centers.	2- هدف المقرر:
By the end of the course the candidate will be able to:	3- المستهدف من تدريس المقرر
A1. Identify the concepts of health information technology A2. Mention qualities of health information technology A3. Identify the Current status of health information technology A4. State efforts to encourage faster diffusion	أ- المعلومات والمفاهيم:
B1. Differentiate between interpretation and analysis of health data B2. Describe database	ب- المهارات الذهنية الخاصة بالمقرر:

<p>B3. Analyze data and transform into information</p> <p>B4. Compare between types of information technology</p> <p>B5. Compose a decision about filling design</p> <p>B6. Compose a decision about ethical consideration of information technology in health sector .</p> <p>B7. Conclude the values and preferences using electronic documentation</p>	
<p>C1. Design table database.</p> <p>C2. Assess the important data</p> <p>C3. Draw the frame of transformation of Data to Knowledge</p> <p>C4. Application types of database e.g reports</p> <p>C5. Design electronic health record</p> <p>C6. Search the relevant electronic database</p> <p>C7. Assess electronic health information management</p> <p>C8. Construct written arguments in a variety of formats on the evolving nature of ethical norms relating to new technologies</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>
<p>D1. Define I health information technology privacy, security and confidentiality</p> <p>D2. Patient access to health information</p> <p>D3. Develop a shared vision and common goal for impotent of documentation and filling system.</p> <p>D4. Conducting effectively electronic communication</p> <p>D5. Carry out the steps of collaboration</p>	<p>د- المهارات العامة:</p>

<p>D6. Work towards achievement of the group's learning goals</p> <p>D7. Present information accurately and clearly in written, electronically forms</p> <p>D8. Negotiate objectively the raised issues and share information</p> <p>D9. Show evidence of thorough reading of documented sources</p> <p>D10. Show breadth and depth of knowledge in session discussion</p> <p>D11. Show accurate filling system</p>	
<p>E1. Shares value of advanced information technology in health and experiences with colleagues</p>	
<p>Unit I: Introductory Session</p> <ul style="list-style-type: none"> • Basic concepts of information of health information technology • What information technology? • What qualities of information technology? • Unit II: Overview of nursing and computer • Unit III: Database <p>What are databases?</p> <p style="padding-left: 40px;">What are they used for?</p> <p style="padding-left: 40px;">Mention the anatomy of a database</p> <p style="padding-left: 40px;">Application of types of data base.</p> <ul style="list-style-type: none"> • Unit IV: Local area networks • Unit V :Data input and output • Unit V1 : Managing ICT • UnitV11: Security • Unit X :- Electronic health record 	<p style="text-align: right;">4- محتوى المقرر:</p>

<ul style="list-style-type: none"> Unit X1 : Telemedicine and tele -nursing 		
1- Interactive Lectures 2- Computer lab training 3-Dmonstration and re-demonstration		5- أساليب التعليم والتعلم :
According to the faculty procedures to caring for defaulters students		6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة :
		7- تقويم الطلاب:
1- Semester summative assessment that include: 2- Summative assessment that include:		أ- الأساليب المستخدم:
1- Semester summative assessment		ب- التوقيت:
a- Written quiz	3 rd week	
b- b- Midterm exam.	7 th week	
2- Final Summative assessment		
Practical examination	16 th week	ج- توزيع الدرجات:
1-Semester summative assessment		
2- Final Summative assessment		
A- Semester work	120marks (60%)	
B-Semester practical examination	80marks (40%)	
Total	200	
		8- قائمة الكتب الدراسية والمراجع :
1- Course notes		أ- مذكرات
<ul style="list-style-type: none"> Butts, J., Rice, M., & Sheno, S. (2017). An adversarial model for 		ب- كتب ملزمة:

<p>expressing attacks on control protocols. <i>Journal of Defense Modeling and Simulation: Applications, Methodology, Technology</i>, 9(3), 243-255.</p> <ul style="list-style-type: none"> • Smith, R. (2016). Information technology in health care. Retrieved October 6, 2016 from http://www.nmc.org/guidelines/nmc%20lo%20guidelines.pdf. 	
<ul style="list-style-type: none"> • Brown, A.R., Voltz, B.D. (2017). Information technology in health care. <i>The International Review of Research in Open and Distance Learning</i>. 6(1). Retrieved February 28, 2017 from http://www.irrodl.org/index.php/irrodl/article/view/217/300.) 	<p>ج- كتب مقترحه:</p>
<ul style="list-style-type: none"> • Periodicals, Web Sites <p>LWW Medical Book Collection @OVID EBSCO Academic Search Complete</p>	<p>د- دوريات علمية أو نشرات .. الخ</p>

<p>مجلس رقم (134) بتاريخ 2014/6/18</p>	<p>معمد بموافقته مجلس الكلية</p>
<p>مجلس القسم بتاريخ 2019/3/26</p>	<p>تم مراجعته وتحديثه طبقا للمعايير الاكاديمية القومية المرجعية بتاريخ</p>
<p>منسق المقرر د/ حنان الصباحي </p>	<p>رئيس القسم العلمي أ.م.د/ احلام الشاعر </p>