

مختصر توصيف المقرر

:(Course Information)

معلومات المقرر \*

	مشروع 2	اسم المقرر:
	فيز 4992	رقم المقرر:
	فيز 4982	اسم ورقم المتطلب السابق:
	--	اسم ورقم المتطلب المرافق:
	الثامن	مستوى المقرر:
	2 (0+4+0)	الساعات المعتمدة:
<b>Module Title:</b>	Project II	
<b>Module ID:</b>	PHYS 4992	
<b>Prerequisite:</b>	PHYS 4982	
<b>Co-requisite:</b>	--	
<b>Course Level:</b>	Eighth	
<b>Credit Hours:</b>	2 (0+2+0)	



Module Description

وصف المقرر :

This course is the final project graduation in which student is required to write a thesis in a distinguished scientific research topic. In the conclusive course a final thesis (project report) will be written. Based on the track of the student's project (practical or theoretical), data collected from the software or instruments that he/she were trained on in the prerequisite course, should be able analyzed and discussed. He/she will then write a final report (thesis) that summarizes their work and present their work in front of a general audience.

Module Aims

أهداف المقرر :

1	Collect data and results using: simulation, software, instruments.	
2	Analyze and discuss the obtained results.	
3	Write a final project (thesis) that summarizes the whole work.	
4	Present the final work in front of general audience	

Learning Outcomes:

مخرجات التعليم:

1	<b>Cognitive Skills</b> Introduction to project ( <b>thesis</b> ) work, and Description of the work or problem need to be solve Experiment setup / modeling and simulations Collecting data and pre-analysis of the work	1
2	<b>Cognitive Skills</b> • The ability to write research report. • The ability to collect data and result using various theoretical and/or experimental methods • Analyze the results and derive conclusions. To write a full report (thesis) that summarizes the whole work	2

	<b>Interpersonal Skills &amp; Responsibility</b> <ul style="list-style-type: none"> <li>• Calculating the data which need to be analyzed</li> <li>• Writing the Project (<b>thesis</b>) work</li> </ul>	
	<b>Interpersonal Skills &amp; Responsibility</b> <ul style="list-style-type: none"> <li>• To act with self-reliance when working independently.</li> <li>• Shows professional commitment to ethical practice.</li> </ul>	
	<b>Communication, Information Technology, Numerical</b> <ul style="list-style-type: none"> <li>• To communicate with the teacher using communications technology.</li> <li>• To use software programs in writing and running experiments.</li> <li>• To present the work in front of general audience.</li> </ul>	

**Course Contents:**

محتوى المقرر:

ساعات التدريس (Hours)	عدد الأسابيع (Weeks)	قائمة الموضوعات (Subjects)
16	4-5	Data collection.
12	3	Data analysis
12	3	Writing the final report.
8	2	Preparing for presentation.
4	1	Seminar talk

**Textbook and References:**

الكتاب المقرر والمراجع المساندة:

سنة النشر Publishing Year	اسم الناشر Publisher	اسم المؤلف (رئيسي) Author's Name	اسم الكتاب المقرر Textbook title
سنة النشر Publishing Year	اسم الناشر Publisher	اسم المؤلف (رئيسي) Author's Name	اسم المرجع Reference

