

جامعة : المنصورة

كلية : العلوم

قسم : الرياضيات

١- بيانات المقرر		
المستوى: الرابع	اسم المقرر : Essay of Research	كود المادة : Math 400
عدد الوحدات الدراسية: 1 ساعة معتمدة نظري : ١ تمارين: ٠ عملي: ٠		التخصص : رياضيات

For students undertaking this course, the aims are to: - Develop the student's independent study skills, writing skills, and presentation skills, as well as developing the student's ability to get to grips with a substantial piece of advanced mathematics through self-study and project supervision from a member of staff.	٢- هدف المقرر :
٣- المستهدف من تدريس المقرر	
a- Knowledge and Understanding On completing this course, students will be able to: a1-demonstrate knowledge and understanding of different area of mathematics. a2-be aware of advanced mathematical topics. a3-develop skills on making a formal oral presentation. a4-know and understand how to produce original mathematics.	أ- المعلومات و المفاهيم :
b- Intellectual Skills On completing this course, students will be able to: b1-Combine the skills acquired in other mathematics modules in the production of a suitable project. b2-develop skills in the use of computer tools for solving problems b3-develop skills on problem-solving .	ب- المهارات الذهنية :
c- Professional and Practical Skills On completing this course, students will be able to: c1-Give an oral and visual presentation to a group of peers and staff.	ج- المهارات المهنية الخاصة بالمقرر :

c2-receive instruction on appropriate use of library facilities.	
c3-write an interim report describing the mathematics learned, any other significant progress made.	
d- General and Transferable Skills On completing this course, students will be able to: d1-written and oral communication and presentation skills. d2-Solve problems. d3-Independent study and use of L ^A TEX.	د- المهارات العامة :
Every student perform a project under supervisor of one the staff and at the end of second term write an essay about his work and student assessment will be taken by the staff.	٤- محتوى المقرر :
1- Lectures(2H/W). 2- self study (including joint study facilitated by workshops) using some or all of a course notes.	٥- أساليب التعليم والتعلم :
The same as normal students, only skeletal disabilities are allowed in the faculty of science.	٦- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
٧- تقويم الطلاب :	
1- Oral exam to assess a1-a4,b1-b3 2- Contineous discussions to assess a1-a4,d1-d3 3- Report to assess b1-b3,c1-c3	أ- الأساليب المستخدمة
1- Oral exam week 2- Contineous discussions weekly 3- Report week	ب- التوقيت
1- Oral exam 20% 2- Contineous discussions 20% 3- Report 60% Total 100%	ج- توزيع الدرجات
٨- قائمة الكتب الدراسية و المراجع :	
	أ- المذكرات
	ب- الكتب ملزمة
	ج- كتب مقترحة
	د- دوريات علمية أو نشرات

(أ) مصفوفة المعارف والمهارات المستهدفة من المقرر الدراسي

المحتويات للمقرر	اسبوع الدراسة	المعارف الرئيسية	مهارات ذهنية	مهارات مهنية	مهارات عامة
Every student perform a project under supervisor of one the staff and at the end of second term write an essay about his work and student assessment will be taken by the staff.	1-14	a1-a4	b1-b3	c1-c3	d1-d3

أستاذ المادة : اعضاء هيئة التدريس بالقسم

رئيس مجلس القسم العلمي : ا.د. مجدى الياس فارس