



وجود ملف التوصيف		المراجع	الموصف	Course Title	رمز المقرر	اسم المقرر	م
DOC	PDF						
	Syllabus	ALL					
Faculty Requirements متطلبات الكلية							
√	X	X	د.عبد الحفيظ مدايش	أ.عبده العامري	Mathematics	الرياضيات	CIT01 1
This course provides students fundamental principles in mathematics. This course include the principles of Linear Equations and Applications, Linear Inequalities, Absolute Value in Equations and Inequalities, Quadratic Equations and Applications, laws of Power and Logarithm, Power and Logarithm Equations, Type of Functions, limited and continuity. Some methods will be used in the teaching of this course, such as: Lecture, problem-solving, Brainstorming, micro- assignments and micro-report.							
√	X	X	د.عبد الحفيظ مدايش	أ.عبده العامري	Calculus	التفاضل والتكامل	CIT02 2
This course provides students fundamental principles in Calculus. Course include the principle of limited and show the theories of limited and continue, how to procedure differentiation and its special rules with the study of implicit functions differential , defined the integration and the link between the processes of differentiation and integration, integration rules, methods of integration and its practical applications. Some methods will be used in the teaching of this course, such as: lectures, problem-solving, Brainstorming, micro- assignments and micro-report.							
√	X	X	د.سعيد احمد حسن	أ.عبده العامري	Probability and Statistics	الاحتمالات والإحصاء	CIT03 3
This course provides students fundamental of Statistics &Probability. The Course includes: displaying the data, measures of central tendency, measures of dispersion, correlation , simple regression , types of random variables and some probability distributions. Some methods will be used in the teaching of this course, such as: lectures, problem-solving, Brainstorming, micro- assignments and micro-report.							
√	√	√	د.إسماعيل حميد	أ.نبيل المخلافي	Computer Fundamentals	أساسيات الحاسوب	CIT04 4
This course will introduce: 1) fundamental electronic data processing concepts and associated terminologies; 2) the development of computers and computer applications; and 3) the impact of computers on society. Furthermore, peripherals of an actual computing system, CPU configuration, device interfaces, binary number systems, and professional ethical issues in computing will be discussed.							
√	√	√	أ.محمد الدويل	أ.عبدالرحمن المولحي	Problem Solving and Programming	البرمجة وحل المسائل	CIT05 5
This course will cover the abstract and structure of programming, problem-solving techniques and tools, flowcharts and algorithms. Abstract data types and their list, variables declarations and memory locations. Arithmetic operators, operator's precedence, equality and relational operators, cohesion and coupling. Abstract programming structure types: sequences, selection (decision making), iteration, multiple iteration, and errors types and program structure correctness and verification, one and multi-Dimensions arrays (basics using and operations). According to the course plan, the prerequisite of this course is Computer fundamentals. To achieve the course goals, different teaching strategies will be applied such as direct, indirect and interactive and self-learning.							
√	√	√	أ.محمد الدويل	أ.عبدالرحمن المولحي	Computer Programming	برمجة الحاسوب	CIT06 6
This course will cover the rest of structure programming concepts and advance topics such as arrays, functions, pointers, strings, structures, files, and introduction to object oriented programming. According to the course plan, the prerequisite of this course is Problems Solving and Programming. To achieve the course goals, different teaching strategies will be applied such as direct, indirect and interactive and self-learning.							
√	√	√	د.عبد الله الحاشدي	أ.محمد الشيباني	Introduction to Web Design	مقدمة إلى تصميم الويب	CIT08 8
In this course, you will learn to create and maintain Web pages using HTML and CSS. This course is taught in our PC computer lab, but you can do the coursework on other computer platforms. It is assumed that the student is proficient with the operating system on their computers, including file management and connecting to the Internet. It is also assumed that you are proficient with using of Web browsers. In this course you will learn to edit HTML and CSS files directly using html or text editors. You should NOT be using a Web authoring program in a WYSIWYG (What You See Is What You Get) environment, such as Adobe Dreamweaver. You may, however, use the Code View of Dreamweaver or other such programs. Learning to create Web pages can be frustrating at times because simple, easily-missed typos can cause page errors. But with careful typing, use of page validation, and practice, it is not too difficult to become proficient. The more you practice with HTML and CSS coding, the better you will become, so students are encouraged to experiment. Before this approach should be studied material programming and problem solving.							
√	√	√	أ.وليد الجوي	أ.محمد الشيباني	Object Oriented Programming	البرمجة الموجهة بالكائنات	CIT10 10
This course presents a conceptual and practical introduction to object oriented programming, exemplified by Java. As well as providing a grounding in the use of Java, the course will cover general principles of programming in imperative and object oriented frameworks. The course should enable you to develop programs that support experimentation, simulation and exploration in other parts of the Informatics curriculum (e.g. the capacity to implement, test and observe a particular algorithm).							