

م	اسم المقرر	رمز المقرر	Course Title	الموصف	المراجع	وجود ملف التوصيف	
						DOC	PDF
						Syllabus	ALL
قسم نظم المعلومات							
4	IS221	مبادئ الأعمال الإلكترونية	Principles of E-Business	د.عبد اللطيف غلاب	د.عبد الله الحاشدي	√	√
The course introduces the principles and concepts of e-business with focus on e-commerce. It provides an understanding of the many aspects that shape e-commerce systems. Topics include e-commerce infrastructure, the World Wide Web, e-business models (B-to-C, B-to-B and intra-business), developing e-commerce web sites, information and communication security, payment systems and marketing. We will also examine the challenges and limitations triggered by the deployment and expanded use of E-commerce systems, including the ethical, social and political problems and the future roles of the E-commerce systems							
7	IS223	تحليل وتصميم النظم	Systems Analysis and Design	أ.فهد الوصابي	-----	√	X
Information system development has traditionally been an art and is undergoing rapid change. Amidst this volatile environment, a few basic ideas and approaches emerging over the past several years have demonstrated considerable staying power and influence. This course will introduce these ideas. Both concepts and techniques will be covered, reinforced by homework assignments and a project. The course material encompasses the concepts, tools, and techniques required to analyze and design business information systems. The course will include structured development approaches and the system development life cycle, as well as rapid application development through alternative approaches such as Agile and prototyping. Emphasis will be given to the role of information systems in organizations and how they relate to organizational objectives and structure. Upon completion, students should be able to analyze a problem and design an appropriate solution using a combination of tools and techniques.							
8	CS325	هندسة البرمجيات	Software Engineering	أ.فهد الوصابي	د. أسماء الشرجبي	√	√
This course is very important to computer science, software engineering, IT and IS students in order to take a look at the Software Engineering concepts that are needed to develop software systems that can meet basic functional and non-functional requirements within a well- defined problem domain. It covers the traditional and most recent practices of different software engineering approaches including the requirements analysis, design, development, verification, and maintenance. A look at some related issues such as SWE projects management and critical systems. An examination of object-oriented software construction focused on the Unified Modeling Language. An introduction to CASE tools. Students will collaboratively define requirements and design of a substantial project. According to the course plan of these programs, this course required the course of system analysis and design as a pre-requisite.							
13	CS223	مبادئ ترانسال البيانات و الشبكات	Principles of Data Communication and Network	أ.نبيل المخلافي	أ.فهد الوصابي	√	√
This course presents an introduction to data transmission , transmission media, basic fundamentals, network topologies (both local area networks and wide area networks) and protocols, the Internet and OSI models, current network operating systems, network analysis, design, and administrative. An emphasis will be placed on current technologies for optimum network design.							
15	IT311	تطوير تطبيقات الويب	Web Application Development	أ.ععادة عادل	أ.عبد الرحمن المرلمي	√	√
This course reviews basic concepts and techniques for developing applications within computer network environment. Emphasis is placed upon the knowledge and skills to develop web-based applications on both client and server side especially in Internet environment. It also includes the design and creation of interactive web sites that provide access to databases. Other topics including Cascading Style Sheets, XML, AJAX and Web Services are also introduced. This course requires Introduction of Web Design, Introduction of Database as a pre-requisites. The lectures of this course will be taught through lectures, projects, presentations and assignments.							
17	IT312	مواصلة الإنسان مع الحاسوب والبرمجة المرئية	Human Computer Interaction and Visual Programming	أ.محمد الشيباني	أ.فهد الوصابي	√	√
Visual programming languages are widely used for the rapid development of graphical applications. This course emphasizes on software systems development in a visual environment. Major topics include visual programming concepts, object oriented concepts, database linkages, and graphics. User interface design and code optimization are covered. Different types of will be covered applications that run on in this course a standalone PC, on a network application. An additional aim of this subject is to give students an understanding of the main ideas of Human-Computer Interaction (HCI).							
1	EB001	الانترنت و تكنولوجيا الويب	Internet and Web Technology	أ.ععادة عادل	أ.حنان الطفاري	√	X
The aim of this course is to introduce students to the main technologies used for the development of Internet-based applications and show how these technologies can be used within application development and more specifically within systems integration. The course starts with a brief introduction to low-level technologies such as TCP/IP and then rapidly examines application-based technologies such as CORBA, SOAP and web services. The course also looks at some of the major security problems that are associated with the Internet and shows how to design large distributed systems. The final part of the course looks at how the Internet has enabled systems integration to become a major developmental paradigm. It is important to point out that no knowledge of programming is required.							
3	EB003	الأعمال الإلكترونية المتقدمة	Advanced E-Business	د.عبد الله الحاشدي	أ.محمد النويل	√	√
This course introduces the advanced concepts on e-business with focus more on e-commerce. It provides an understanding of many aspects that shape e-commerce systems. This course a Pre-requisites, which is Principles of E-Business. Topics covered in this course include retailing in e-commerce, B2B e-commerce, innovative e-commerce systems, mobile commerce and ubiquitous computing, social commerce, e-commerce strategy, implementing e-commerce systems.							
3	EB005	تطوير تطبيقات الأعمال الإلكترونية	E-Business Application Development	أ.ععادة عادل	أ.محمد النويل	√	√
The teaching process in this course will concentrate on theoretical and practical aspect of developing and managing web site for electronic commerce. On theoretical part, the students will be exposed to the several areas of electronic commerce such as management, supply chain, payment, delivery, law and marketing. Meanwhile, in the practical part, the students will be exposed to the development aspect of electronic commerce. Implementation issues such as security, payment, supply, delivery and law will be							

emphasized. In addition, current issues in the area OF managing electronic commerce and enabling technologies for electronic commerce will also be discussed in this course.								
√	X	X	أ.عبد الرحمن المولحي	أ.وليد الجوبي	Special Topic in E- Business	مواضيع مختارة في الأعمال الإلكترونية	EB006	4
This course provides students with group of techniques and applications to understand the current status of e-business concepts and follow its development. The introduced techniques and applications enable students to design e-business engineering solutions from an architectural perspective, and introduces the fundamental concepts and frameworks of e-business patterns with which to examine the existing e-business models, the prevalent enabling technologies, and the strategic issues confronting the legacy firms. The main teaching strategies include lectures, class discussions, teamwork and cases study. The prerequisite of this course is Advanced E-business. In my opinion, it is also assumed that students have already developed certain basic skills in communication skills, basic mathematical and statistical skills, and library and web research skills.								
√	X	X	أ.حنان الطفاري	أ.غادة عادل	Internet and Web Technology	الانترنت و تكنولوجيا الويب	EB001	3
The aim of this course is to introduce students to the main technologies used for the development of Internet-based applications and show how these technologies can be used within application development and more specifically within systems integration. The course starts with a brief introduction to low-level technologies such as TCP/IP and then rapidly examines application-based technologies such as CORBA, SOAP and web services. The course also looks at some of the major security problems that are associated with the Internet and shows how to design large distributed systems. The final part of the course looks at how the Internet has enabled systems integration to become a major developmental paradigm. It is important to point out that no knowledge of programming is required.								