Ghadah AL Rugaib

Lecturer

Personal Data

Nationality | Saudi

Department | Computer Information Systems

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Language Proficiency

Language	Read	Write	Speak
Arabic	✔	✔	✔
English	✔	✔	✔

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2009	MSc Internet Computing	University of Surrey	Guildford – United Kingdom
2000	BSc Computer Science	University of Bahrain	Bahrain

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Lecturer	CIS	CCSIT	main campus building 650	2010 – present
Teacher Assistance	CS	College of Science	AlRayan	2001 - 2008

Scientific Achievements

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Software quality assurance	CIS512	Lecture / Lab
	Web based systems	CIS423	Lecture / Lab
	Professional responsibility	CIS413	Lecture
	System Analysis and Design	CIS412	Lab
	Internet and communication	COMP215N	Lecture / Lab

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Software Quality Assurance – CIS512: Contents cover definition of software quality, difference between quality assurance and quality control, role of management in fostering quality culture, software quality standards such as ISO 9001, Capability Maturity Model Integrated (CMMI), development of Software Quality Assurance Plan, implementation of quality metrics, artifacts design for quality management, audits and reviews, software testing, white box and black box testing techniques, testing levels (unit testing, integration testing, regression testing, system testing), designing test cases and test plan, executing test cases and preparing test report. In addition students, will be trained on related software tools.
2	Web Based Systems – CIS423 : Overview of web based application, setup and configuration of web server, setup and configuration of eclipse and MySQL, Introduction to HTML: Basic Tags, Tables, Lists, Form, Frames, Images, Hyper links, Introduction to JDBC: Drivers, Types of Drivers, Connection pooling, Java Server; Pages: Scriplet, Expression, Declaration, JDBC & JSP, Implicit JSP Objects, Introduction to XML; Introduction to JavaScript: JavaScript Popup Boxes, Functions, Events, Objects, Web Security and credit card Transactions; Web Performance: Packaging and Deployment, Internationalization and localization. Java Servlet, Parameter externalization.
3	System analysis and design – CIS412: This course emphasizes on the analysis of the structured system and designing techniques for software project development. It includes: setting IS project goals, developing work plans and methods to achieve those goals, and measuring progress against a project plan. The course material includes describing the major alternative methodologies used in developing information systems and the considerations involved in choosing which methodology to use. Production of the requisite systems documentation at each point in the analysis and designing an information system, and doing so with clarity and completeness. Analyzing business need for information and developing an appropriate strategy to solve the problem and providing the required information service. Preparing and using various information gathering techniques for eliciting user information requirements and system expectations. Construction and interpretation a variety of system description documents. Students will be trained on some latest software tools.
4	Professional Responsibility – CIS413 : This course introduces the students to the legal, social, and ethical issues of information technology and use; information rights, property rights, liability, accountability, privacy, security, crime, ethical principles, codes of ethics, "the digital divide", role of PTTs, role of government, role of law enforcement, role of business and industry; professional conduct, social responsibility, and rigorous standards for software testing and reliability, students read, write, discuss, and present reports on these topics, fraud and abuse, electronic communication privacy, mail fraud, credit card abuse, privacy protection, copyright and patent statute, communication decency, law and computer, software engineering code of ethic, name dispute resolution policy.

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
	9	23	2016	present

Administrative Responsibilities, Committee and Community Service
(Beginning with the most recent)

Committee Membership

#	From	To	Position	Organization
	2015	Present	Head	Alumni unit
	2013	2015	Head	Students activities unit
	2007	2008	Member	Quality Control committee
	2004	2006	Member	Academic advising committee
	2002	2004	Member	Class scheduling committee

Last Update

27/11/2016