FACULTY FULL NAME: Ali Abdulaziz Aluthman

POSITION: Lecturer

Personal Data

Nationality | Saudi Arabia

Date of Birth | 09/10/1986

Department | Educational Technology

Official IAU Email | aauthman@iau.edu.sa

Office Phone No. |

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2015	Master's degree	RIT	United States of America
2009	Bachelor's degree	KFU	Kingdom of Saudi Arabia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	
Master	Cloud Driven Big Data Implementation of Personalized e-Health Records Systems for Hospitals & Physician Clinics
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Lecturer		Department of Educational Technology in Imam Abdulrahman Bin Faisal University		October 2015 Until now
Teaching Assistant		Department of Educational Technology in Imam Abdulrahman Bin Faisal University		February 2010 Until October 2015

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Coordinator of Deanship	Deanship in College of Education	June 2016 Until February 2018.
Supervision of the IT Unit	The IT Unit in College of Education	February 2016 Until June 2016.
Secretary of the Department	Department of Educational Technology in College of Education	February 2010 Until February 2011
Supervision of the learning sources	The learning sources in College of Education	February 2010 Until February 2011

Scientific Achievements

Published Refereed Scientific Researches
(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Introduction to Computing	CS 211	Theory 2 hours and Lab 2 hour
2	Database Concept	CIS 203	Theory 2 hours and Lab 2 hour
3	Programming Fundamentals	CS 201	Theory 2 hours and Lab 2 hour
4	Data Structures	CS 213	Theory 2 hours and Lab 2 hour
5	Software Engineering 2	CS 301	Theory 2 hours and Lab 2 hour
6	Multimedia and management	COMP 411T	Theory 2 hours and Lab 2 hour
7	Computer applications in education	COMP 301N	Theory 2 hours and Lab 2 hour
8	Computer Applications	COMP 123	Theory 2 hours and Lab 2 hour

9	Digital Applications	TTECH 505	Theory 2 hours and Lab 2 hour
10	Computer Skills	COMP 106	Theory 2 hours and Lab 2 hour
11	Computational Thinking and Programming Principles	TTECH 506	Theory 2 hours and Lab 2 hour
12	Emerging technologies in computer science	COMP 513	Theory 2 hours and Lab 2 hour
13	Fundamentals of Programming	CS 221	Theory 2 hours and Lab 2 hour
14	Principles of Management	MGMT 320	Theory 3 hours
15	IT Infrastructure Management	CIS 326	Theory 2 hours and Lab 2 hour

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

This is an entry level programming course designed to provide students an introduction to problem-solving and computer programming skills using C++ language
This course aims to discuss the basic concepts and design of database. It introduces different data models, data storage and retrieval techniques and database design techniques. The course primarily focuses on relational data model and DBMS concepts. The course will be accompanied by a practical part (lab) in which the students will learn popular Database tools and how to use these tools to develop Database systems.
This is an entry level programming course designed to provide students an introduction to problem-solving and computer programming skills using C++ language
This course aims to a data organization, management, and storage format that enables efficient access and modification. More precisely, a data structure is a collection of data values, the relationships among them, and the functions or operations that can be applied to the data.
This course provides software process (also knows as software methodology) is a set of related activities that leads to the production of the software. These activities may involve the development of the software from the scratch, or, modifying an existing system.
This course provides an introduction to the most important basic concepts related to the term multimedia and the principles surrounding this technology, and the course provides a theoretical explanation of the development of multimedia technology and the various equipment and software used as tools for its development, thus enhancing the positive tendencies of the student teacher towards the use of multimedia software and its use in the educational process, The practical aspect includes various skills in designing effective, interactive and interactive multimedia products using specialized software.
This course provides a skills to achieve educational goals and the possibility of solving problems facing the teacher in the classroom by using computer applications.
This course provides a skills to introduces the basic problem solving and programming concepts to science track students in order to prepare them for their specialization in colleges. Introduce the main problem-solving stages; then will move to introduce the basic concepts of programming languages starting from defining data types in Python to control statements, loops, lists, and using functions.

This course aims to provide the student with basic computer skills and dealing with the most popular applications that help in completing office tasks and facilitate the educational process.
This course is designed to familiarize students with computers and their applications. It will also emphasize the use of computers and technology throughout their college and future careers. Students will learn fundamental concepts of computer hardware and software and become familiar with a variety of computer applications, including word processing, spreadsheets, databases, and multimedia presentations. Students will also investigate Internet-based applications, working with email and learning how to browse the web. Coursework also includes activities that explore social and ethical issues related to computers.
The course aims to provide the learner with the basic knowledge and skills to solve problems using computational thinking and apply that to the Scratch environment
The course aims to introduce a number of selected topics and emerging technologies in the field of computer science. The course will deal with Smart device applications, operating systems, and ways to develop them. It will also address robotics programming skills. The course will also address for a number of emerging topics and technologies such as cloud computing, quantum computing and wearable technologies
This course builds on the entry level of programming course covered in introduction to computing course. The course is designed to teach students some advanced topics in programming to add to their basic knowledge of program design, coding and testing.
This course aims to provide basic management skills to achieve efficiency and productivity in the future professional life of learners. The course highlights modern day management challenges of complex global business environment, corporate social responsibility, innovation management, human resource management and operations management. The course will be supported by additional case studies.
This course covers advanced concepts in data communications and computer networks including Media Access Control Mechanisms, wireless and mobile networks, and routing protocols. It then focuses on the services and solutions available through IT infrastructure in an organizational context. Students develop knowledge and skills for communicating effectively with professionals whose special focus is on hardware and systems software technology, and for designing organizational processes and software solutions that require in-depth understanding of the IT infrastructure capabilities and limitations. The course focuses on Internet-based solutions, business continuity, and the role of infrastructure in regulatory compliance. Students are given practical training on the configuration and analysis of WLANs and routing protocols through a more in depth use of Wireshark and Packet Tracer. It also covers the analysis of network performance for a business organization. Case studies of noteworthy examples of success of IT infrastructure deployment in businesses help students build the skills of successfully applying infrastructure solutions in businesses and choosing the correct options.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution

			(no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

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

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

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

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Advance Graduate Certificate upon satisfactory completion of study in Web Development
2	Certificate of leadership for achievement of the Global Leadership
3	Certificate in Creative thinking
4	Certificate in Personality Types

5	License in Rehabilitation Teacher
6	Certificate in Statistical analysis using the SPSS
7	Certificate in Recent trends in university teaching
8	Good at dealing with other people
9	Ability to learn and develop new things.
10	Ability to Participate in volunteer work
11	Very good in managing groups and teamwork in global environment.
12	Ability to calm and solve problems

Last Update

29/01/2024