



# Shiraz Hashim

## Lecturer -Community College Qatif

### Personal Data

Nationality	Sudan
Date of Birth	20-April -1985
Department	Business Administration Community college Qatif
Official UoD Email	shnaserelden@uod.edu.sa
Office Phone No.	

### Language Proficiency

Language	Read	Write	Speak
Arabic	Yes	Yes	Yes
English	Yes	Yes	Yes
Others			

### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2003-2006	(BSc): University of Khartoum, Faculty of mathematical sciences, majoring Mathematics.	Sudan	University of Khartoum /Sudan
2006-2007	(Honour): Honour degree, Second Class – Division one (UPPER). <b>(First of my batch on mathematics major).</b>	Sudan	University of Khartoum /Sudan
2009-2010	(M.Sc): M.Sc degree in Industrial & Computational Mathematics, University of Khartoum, Faculty of mathematical sciences (i <b>was the Third of my batch</b> )	Sudan	University of Khartoum /Sudan



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

PhD	
Master	<ul style="list-style-type: none"> <li>Numerical analysis – optimal solution problem</li> </ul>
Fellowship	

### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
LECTURER	KSA	University of Dammam	Recently joined to the teaching staff of Dammam University (KSA) as a full time lecturer. <b>Sept 2013 – Now</b>
(MATHEMATICS LECTURER)	SUDAN	University of Khartoum	Submit my MSc thesis, and start Lecturing in Sudan, University of Khartoum-Faculty of mathematical Sciences. Some of the courses that i'd lectured was: <ul style="list-style-type: none"> <li>Real Analysis (I).</li> <li>Calculus (I).</li> <li>Calculus (II).</li> </ul> <b>Nov 2010 – July 2013</b>
(MATHEMATICS PAR TIME LECTURER)	SUDAN	University of Khartoum	During Sept 2010 to OCT 2012, as a par timer, i'd lectured many courses in University of Khartoum (1) faculty of Education, and (2) Faculty of Sciences. Some of These courses where: <ul style="list-style-type: none"> <li>Differential Equations (1)</li> <li>Basics of Algebra.</li> <li>Set theory.</li> <li>Calculus (I).</li> <li>Linear Algebra.</li> <li>Vector Analysis</li> </ul> <b>Sept 2010 - OCT 2012</b>
(MATHEMATICS TEACHING ASSISTANT)	SUDAN	University of Khartoum	Joined the University of Khartoum, Faculty of Mathematical Sciences, in the Capacity of Teaching Assistant. <b>2007 – 2010</b>

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
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Coordinator of the quality office / Business administration department	Community college /qatif	2016 – Now
Tutorial coordinator	University of Khartoum	2010-2013
Exam coordinator	University of Khartoum	2010-2012

## 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
1			
2			
3			

### Current Researches

#	Research Title	Name of Investigator(s)
1		
2		

### 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

## Teaching Activities



## Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Principle of business mathematic	QM204	
2	Quantitative Methods	QM306	
3	Math1	111	
4	Math2	112	
5	General math	101	
6	Principle of statistic	192	
7	Calculus1	152	
8	Set theory		
9	Topic in algebra		
10	Arithmetic		
11	Differential equation		
12	Real analysis 1		

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

1	<p><b>Principle of business mathematic:</b> Introduce the student to the mathematics of business and finance. The focus is on identifying and graphing different types of functions, solving equations and inequalities, solving systems of linear equations, performing operations on exponential and logarithmic expressions, using integration and differentiation, computing interest, calculating the future value of a principal under annual compounding and becoming competent at symbolic manipulation of relevant equations and expressions pertaining to the mathematics of business applications</p>
2	<p><b>Quantitative Methods:</b> In this course students will be taught</p> <ol style="list-style-type: none"> <li>1 . Different methods for multivariate data analysis</li> <li>.2 Explain how to match multivariate techniques with business research objectives .</li> <li>.3 Perform assumptions and interpret the results of a multivariate analysis .</li> <li>.4 Understand the issues in the estimation and validation of a mathematical analysis .</li> <li>.5 Understand the issue in the estimation and validation of a multivariate analysis .</li> <li>.6 Understand business research employing various multivariate techniques</li> </ol>
3	<p><b>Math1:</b> The Math-1 course reinforces basic math skills and their relevance to everyday applications. These skills encompass the ability to solve mathematical problems, analyze and interpret data .The purpose of this course is to develop the comprehension of the course material in English ,improve their computational skill, demonstrate writing ability of solutions with logical steps and prepare students for pre calculus. An emphasis will be given to the understanding of the statement of problem and the mathematical terminology. The course primarily aims at the development of critical thinking among the students through the mathematical concept studied at the high school. The topics include Fundamentals of Algebra, Equation and Inequalities ,Polynomial and Rational Function</p>
4	<p><b>Math2:</b> The Math-2 is complementary course to the Math-1 : The topics include exponential and logarithmic function, Trigonometric function and Matrices</p>
5	<p><b>General math:</b> This course aims to teach students basic concepts in algebra and calculus. It includes: Ordinary algebraic operations on number, Factorization, exponents and logarithms, Solving equations, and inequalities, The trigonometric functions and the trigonometric identities, Cartesian Coordinates - Equations of lines, circles, and conic sections and Word problems.</p>
6	<p><b>Principle of statistic:</b></p>



	Course description: - central Tendency standards - dispersion standards -ways Display data - distributions and represented graphically Counting Introduction in the theory of probability - Conditional probability - random variables - some discrete probability distributions - periods Trust rate - test hypotheses
7	<b>Calculus1 :</b> Limits – continuously - the median value theory - differential - cha in rule - differential implicit functions - differential inverse function - Differentiation of trigonometric functions - differentiation applications - the a vera ge value of the theory and the theory of Lobetal- indefinite integral – integral of Trigonometric functions –definite integral - the basic theory of differentiation and integration - integration applications - and logarithmic functions Inverse trigonometric functions.
8	<b>Set theory:</b> set groups and partial- intersection and union - relationships and properties- parity relationships and relationships arrangement -Functions - Comprehensive functions - functions unilateral - Symmetries – countable sets
9	<b>Topic in algebra:</b> The logic of the reports and the logical links – true false tables - Rules conclusion in the logic of the report logic - Methods of proof
10	<b>Arithmetic:</b> Properties of real numbers) arrangement and cosine (some important variants - open groups in the real line and their properties - interdependence - the theory of Balzano and Astrass - sequences - sequences steady – cochy sequences - lower limit and higher limit - series with positive borders and tests convergence) comparison, root, ratio, and test Kochi ( series volatile and convergence - absolute and conditional convergence - the limit of the real functions.
11	<b>Differential equation:</b> Differential equations of the first ,second and higher ranks -series Solutions of the second order-Euler equations and Bessel –lablas transfers
12	<b>Real analysis 1:</b> Continuous of real functions - differentiation of real functions - the a vera ge value of the theory – the Lobetal theory - Ryman integration- basic theory of differentiation and integration – series and sequences functions – Taylor theory - regular convergence .

### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			
3			
4			
5			

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

1	
2	



3	
4	
5	

#### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1							
2							
3							

#### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1				

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Level7	18	2013	2014
2	Level3	17	2014	2015
3	Propriety year	32	2015	2016
4	Level5	8	2016	Now

#### 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
1	2015	2016	Team Member of Course specification committee	Community college Qatif, University of Dammam
2	2015	2016	Team Leader of NCAAA committee	Community college Qatif, University of Dammam

#### Scientific Consultations

#	From	To	Institute	Full-time or Part-time

#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1				

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

1	<b>Math Package:</b>	Matlab
2	<b>Office Auto:</b>	Oracle SQL, Visual Basic.
3	<b>Operating System :</b>	Windows XP,98 and 2007
4	<b>Inter Net Technologies:</b>	H.T.M.L, Photoshop
5	<b>Skill of communication with other</b>	

#### Last Update

20/05/2017