



Fatima Hassan Al Doukhi

POSITION: Lecturer

Personal Data

Nationality | Saudi

Date of Birth | July 19, 1987

Department | Product Design

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Office Phone No. | NA

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 of Science in Engineering Integrated Product Design	University of Pennsylvania	Philadelphia, US
2014	Master of Architecture	University of Pennsylvania	Philadelphia, US
2009	Bachelor of Interior Architecture	King Faisal University	Dammam, KSA

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

PhD	
Master	
Fellowship	

Professional Record: (Beginning with the most recent)



Job Rank	Place and Address of Work		Date
Teaching Assistant		University of Dammam	2010-2016
Lecturer		Imam Abdulrahman Bin Faisal University	2016-Present

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

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



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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	Industrial Design Studio 3	PRDSG 201	Lectures/ Studio
2	Industrial Design Studio 4	PRDSG 206	Lectures/ Studio
3	Theory of Industrial Design	PRDSG 205	Lectures
4	Drawing and Sketching 1	PRDSG 202	Lectures/ Tutorials
5	Models and Prototypes 1	PRDSG 210	Lectures/ Tutorials
6	3D Digital Design 1	PRDSG 209	Lectures/ Lab

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

Industrial Design Studio 3 (PRDSG 201)

This course is based on several learning situations (via assignments and design projects) involving design analysis and synthesis of simple hand-held tools and utilitarian objects that are used in day to day activities in a variety of social and cultural settings. The overall educational aim is to systematically investigate the interrelated, syntactic, pragmatic and semantic attributes of a range of new and existing products, with reference to use and esteem functions, in order to gain knowledge about how they are designed and constructed, how they are used and how they may be improved by further design and development, bearing in mind socially and environmentally worthwhile evaluation criteria. Students will



learn to use problem solving methods to analyze existing, and develop new design concepts based on the redesign of existing low technology products.

Industrial Design Studio 4 (PRDSG 206)

This course is based in the context of small, low complexity wearable items, such as eyewear (glasses), jewelry and watches, or possibly even helmets (for sports). It deals with basic ergonomics, has a strong focus on aesthetics, and builds on the analysis and synthesis methods covered in Design Studio 3 by focusing on design synthesis and the development and communication of original ideas as product solutions. Studio based design projects will be employed mindful of the learning objective listed above. A prime consideration is to encourage students to propose and develop conceptual designs for simple low complexity wearable items that are original in form and of potentially improved performance. Students will also be given the opportunity to examine, by observation and insights, what is meant by creativity in design and how questions of design ethics may be addressed. Additional studies on acquiring materials knowledge and perceptual motor skills, through 3D modelling, will also be included.

Theory of Industrial Design (PDRSG 205)

This course explores the definitions, development and contemporary understanding of Industrial Design. It is intended as a companion course to Design Studio and provides a theoretical base for the hands on activities in that course. Design process models are examined in some detail and the models of human/product interaction are acknowledged.

Drawing and Sketching 1 (PRDSG 202)

This course explores the different modes of visual communication used in illustrating design ideas. It introduces students to the key techniques in visual representation, technical drawing, sketching in perspective and color application. Students will undertake an intensive series of exercises to develop their drawing and sketching skills and techniques, by using traditional tools such as pencils, pens, color pencils, and markers, among others.

Models and Prototypes 1 (PRDGS 210)

This course introduces students to the basic workshop techniques and skills required to make form studies, ergonomic studies and functional or aesthetic prototypes used in the design process. The course includes appreciation of materials properties, tool and machine handling skills, construction and fabrication techniques and understanding of fundamental safety requirements and safe workshop practices. The course supports the learning and prototyping requirements of the Design Studio courses.

3D Digital Design 1 (PRDSG 209)

This course is an introduction to the basic concepts and skills necessary for three dimensional virtual modelling and digital visualization as components of the design process. It explores and applies methodologies related to the communication of three dimensional Product Design. It introduces the various types of Computer Aided Design (CAD) software and provides students with the fundamentals for modelling in a virtual three dimensional environment such as planes, lines, surfaces etc. It includes hands on modelling exercises, to apply the above learnt knowledge.

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
	Industrial Design Studio 3 PRDSG 201		✓	✓		2016	Present
	Industrial Design Studio 4 PRDSG 206		✓	✓		2016	Present
	Theory of Industrial Design PRDSG 205	✓		✓		2016	Present
	Drawing and Sketching 1 PRDSG 202	✓		✓		2016	2017
	Models and Prototypes 1 PRDSG 210	✓		✓		2016	Present
	3D Digital Design 1 PRDSG 209	✓		✓		2016	Present

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



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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
	October 2016	Present	Quality Coordinator Product Design Department	College of Design

Committee Membership

#	From	To	Position	Organization
	May 2017	Present	Member	Exhibition Committee, College of Design
	2016	Present	Member	Quality Committee, Product Design Department

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	Technical Proficiency: <ul style="list-style-type: none">• Autodesk Maya• Rhinoceros• 3D Max• Solidworks• AutoCad• CS Adobe Photoshop• CS Adobe Illustrator• Revit
2	

Last Update

14 / 5/2017