



FACULTY FULL NAME: Abdulrahman Mohammed Abdulrahman Alsowaigh

POSITION: Teaching Assistant

Personal Data

Nationality | Saudi

Date of Birth | 08 Feb 1997

Department | Civil and Construction Engineering

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Office Phone No. | +966501583482

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
May 2019	Bachelor of Science in construction Engineering (BSc)	Imam Abdulrahman Bin Faisal University	Dammam - Saudi Arabia

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Teaching Assistant	IAU	Dammam	Saudi Arabia	Nov 2019



Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Engineering Drawings	ENG222	LAB
2	Statics	ENG232	Tutorial
3	Cost Estimating	CONEN441	Tutorial
4	Planning, Scheduling and Control	CONEN432	LAB

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

1	Engineering Drawings (ENG222) : This course is a fundamental graphics. Introduction to computer aided drafting and modeling of engineering applications. Use of AutoCAD to illustrate and quantify design alternatives. Practice in creating and evaluating typical designs drawn from different specialty areas of the field.
2	Statics (ENG232) : This course enable the students to learn the tools necessary to have a deeper understanding of the principles of applied mechanics and the modeling of force systems in engineering statics. The course topics include: Analysis of forces on engineering structures in equilibrium. Properties of forces, moments, couples, and resultants. Equilibrium conditions, friction, Section properties (centroids, area moments of inertia).
3	Cost Estimating (CONEN441) : This course will include the following subjects: quantity takeoff methods, conceptual estimating, estimating costs for construction material, labor, equipment, project overhead, markup and profit, unit costs, production rates, and pricing methods, balanced bid and budget preparation for projects as well as subcontract bid analysis and the overall bidding procedure.
4	Planning, Scheduling and Control (CONEN432) : This course will cover the concepts of project planning and the definition of planning techniques such: bar charts, arrow networks, Program Evaluation and Review Technique (PERT), the Critical Path Method (CPM), Line of Balance Technique (LOB)], work breakdown structure, logic, networking by using the CPM technique, scheduling and control models. Resource allocation and leveling, optimal schedules, documentation and reporting, time and cost control, progress monitoring and evaluation will also be covered along with computer applications of the Primavera software package.



Committee Membership

#	From	To	Position	Organization
1	Nov 2019	Nov 2020	Member - Collage of Engineering - Public Relations and the Annual Report Committee	IAU

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

1	Comoputer Softwares : Microsoft Office , AutoCAD
2	Familiar with Engineering Softwares Such as ETABS and SAFE

Last Update

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