



Abdulaziz Ahmed Alkelani

Lecturer

Personal Data

Nationality | Saudi Arabia

Date of Birth | 19th January 1991

Department | Building Engineering – College of Arch. & Planning

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Room STU-301

Language Proficiency

Language	Read	Write	Speak
Arabic	Proficient	Proficient	Proficient
English	Proficient	Proficient	Proficient
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2018	Master of Architectural Science, in High Performance Buildings	The University of Sydney, Australia	Camperdown NSW 2050, Australia
2013	Bachelor of Building Engineering	The university of Dammam, Saudi Arabia	Dammam 34212, Saudi Arabia

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

PhD	
Master	(2018) Cooling effects of elevated air movement made by two common thermal comfort indices (PMV and SET).



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Lecturer	Department of Building Engineering, College of Architecture and Planning, IAU university, Dammam, Saudi Arabia	September 2018 - present
Teaching Assistant	Department of Building Engineering, College of Architecture and Planning, IAU university, Dammam, Saudi Arabia	November 2013- September 2018
Value engineering specialist	The Royal Commission for Jubail and Yanbu (RCJY), Al-Huwailat, 7887, Al Jubail 35718, Saudi Arabia	September 2013- November 2013

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	construction systems and materials	ARCH 212	lectures
2	Advanced BIM	BSTC 551	labs
3	Design Studio-8	BSTC 402	Studio
4	Professional practice	BSTC-532	Lectures
5	Design Studio 7	BSTC 401	Studio
	Design Studio 6	BSTC 302	Studio

Student Academic Supervision and Mentoring

Level	Number of Students	From	To
Academic follow up	5	2019	2020



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

Administrative Responsibilities

Administrative Responsibilities	Date
Head of the Publicity and Advertising Committee in the Department of Building Engineering	2018-2020

Committee Membership

#	From	To	Position
1	2018	2020	KPI committee member
2	2018	2020	Website, Publicity and Advertising Committee

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

Skills

- Fluent in English (IELTS band 7). 
- Infrastructure design and supply services. 
- Professional in Critical thinking. 
- Computer proficient in all Microsoft office plus: (BIM, CAD, Revit, design builder), and all basics software knowledge.
- Integrated building (facilities and services) design. 
- Virtual reality 3D design creative for Client's preferences using (Revit, rhinoceros , VR).
- Value and cost estimator expert.
- Building codes knowledge ABC (Australian Building code, section J) application knowledge. 
- ASHRAE standards knowledge (IEQ knowledge). 
- Construction and building materials knowledge.
- Strong knowledge in design trends.
- Strong verbal and written communicator.
- Team leadership, take risk

Lecturer at IAU, Building engineering department instructor.

- Created curriculum and planned course content and methods of instruction.
- Demonstrated a continued commitment to undergraduate teaching through full participation in the college community.
- Coached students on public speaking and presentation skills.
- Developed courses in line with the curriculum requirements of the building engineering Department.
- Wrote, administered and graded midterms and final examinations.
- Advised students on course selection, progress toward graduation and career decisions.
- Wrote and designed continuing education examinations.



- Technical working drawing for a number of projects such hospitals, office buildings, schools, hotels, motels, houses and clinic buildings including all buildings services and construction details.
- Instructed through lectures, discussions and demonstrations in buildings materials, loads consideration and construction systems.
- Employed a variety of assessment tools and strategies to improve instruction methods.
- Wrote course materials such as syllabi, homework assignments and handouts.

Cost estimator, Value engineering specialist, the Roya commission of Jubail industrial city.

- Suggested budgetary changes to increase company profits.
- Completed and posted bills (Bill of Quantity) with accurate revision and analysis.
- Accessed computerized financial information to answer questions relating to specific project.
- Coordinated with clients, consultants and contractors drawing construction process.
- Created, printed and modified drawings in AutoCAD.
- Attended all team meetings to resolve technical and project issues, coordinate with team members and review project schedules.
- Created new and innovative approaches to problems and discussed them with project managers.
- Analyzed project feasibility and costs prior to drafting designs.
- Created and updated project cost analysis spreadsheets.
- Recommended minor adaptations and modifications to complete working drawing sets.
- Supervised preparation of technical drawings by architectural technicians.
- Estimated quantities and cost of materials, equipment and labors to determine project feasibility.
- Inspected project sites to monitor progress and adherence to design specifications, safety protocols and state sanitation standards.
- Facilitated construction by mapping out installations and establishing reference points, grades and elevations.
- Reviewed calculations and analytical data to maintain accuracy of the technical reports.



- Visited project sites during construction to monitor progress and consult with contractors and on-site engineers.
- Provided drafting support to civil engineering staff.
- Developed CAD drawings for newly acquired facilities, updating, and maintaining existing facility documentation.

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