

Hind M. Al Momani

College of Architecture and Design
Full Time Lecturer / Jordan University of Science and Technology
Date of Hire: 2008



Full Name: Hind Mohammed Hussain Al Momani
Nationality: Jordanian
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Professional Interests

Environmental Design; Health buildings; Passive Energy, Design Methods; Building Technology.

Academic Background

M.Sc. Jordan University of Science and Technology, Irbid, Jordan, 2006

B.Sc. Architectural Engineering. Jordan University of Science and Technology, Irbid, Jordan, Summer 2000/2001. one of the top 10 students in my class (ranked the 4th),

Jordanian High School, scientific stream, GPA, 91.7

WORK EXPERIENCE

Academic Experience

-Full time lecturer, Department of Architecture, Jordan University of Science and Technology (J.U.S.T), Feb. 10, 2008 _till now

- Part-time lecturer, Department of architectural Engineering, Yarmouk University, Fall 2015- 2016

-Part-time lecturer, Department of architectural Engineering, Jordan University of Science and Technology (J.U.S.T), Fall 2006- 2007

Non-Academic Experience

-Design Architect, private sector (ENJAZ Engineering Constantly), May,15,2007- Jan., 30,2008.

- Planner, Ministry of Municipals Affairs, May, 21, 2002 till Jan., 2008.

-Ebeen- Ebleen Region Manager, Ministry of Municipal Affairs, for various periods: 2006-2008.

- Design Architect, private sector (Qudah Y office), May,15,2007- Jan., 30,2008.

Training

International Trainings and Projects

- 2018: High Level Renewable Energy Efficiency master course workshop at UIBK, HEBA project, Erasmus+, Innsbruck, Austria, 2018.

-2018: Workshop On Managing Transitions for Sustainability, ENEPLAN, (Developing Skills in The Field of Integrated Energy Planning in MED Landscape), Erasmus+ project, Egypt, 2018.

-2017: smart control systems for energy management (SEM-SEM), funded with the support of the European Union Erasmus + programmed Venue: EURO Training, veranzeroul, Athens, Greece, November, 19-24,2017.

Local Training

-2021: Indoor Air Quality Manager Course(IAQM), IAQA Jordan Chapter & JEA, Sep. 4-22.2021

-2021: Designing Effective E-Learning, Jordan University of Science and Technology (J.U.S.T),Oct.,4-6,2021

-2020: Research Excellence: From Application to Publication, Jordan University of Science and Technology (J.U.S.T), Jan,15-16,2020

-2019: Finance for Non-Finance: Energy Projects, Sustainable Energy & Economic Development Project (SEED) &(GREEF),Dec.,30-Jan. 3,2019.

- 2019: Effective Communication Strategies and -Problem Solving, Sustainable Energy & Economic Development Project (SEED) &(GREEF), Dec.,24-27,2018.
- 2018: Feasibility Studies Development in Renewable Energy Sector, Sustainable Energy & Economic Development Project (SEED) &(GREEF), Dec.,30-Jan. 3,2019.
- 2018: Course Assessment System Workshop, (to prepare for NAAB Accreditation) CAD, JUST, 2018
- 2018: How to start a small project in renewable energy, Jordan Engineers Association, July, 7th , 2018
- 2017: Development of Curriculum & Study plans, Jordan University of Science and Technology (J.U.S.T), july,20-27,2017
- Attending all workshops, lectures of NAAB accreditation policy, procedure, requirements held at department of architecture, CAD, JUST, 2018,2019,2020,2021
- 2016: ICTDAR-Talal Abu Ghazaleh for Small and Medium Enterprises, August, 1-4, 2016.
- 2015: Improving Local Governance Services Through Using GIS, EU funded project LOCALSATS, (J.U.S.T), September, 1-9, 2015.
- 2015: Planning For Creative Cities, EUNIC, GIM, and European Union, March, 10-12, 2015.
- 2015: Innovation Teaching in Higher Education, Academic Development Center; Jordan University of Science and Technology (J.U.S.T), June, 1-2, 2015.
- 2009: Modern University Instructional Methods, Academic Development Center; Jordan University of Science and Technology (J.U.S.T), July, 7-8, 2009.
- 2008: Testing and Evaluation "University Examinations", Academic Development Center; Jordan University of Science and Technology (J.U.S.T),Nov.,11-12, 2008
- 2007: Landscape design. Ministry of Municipals Affairs, Amman, April,7-11, 2007.
- 2005: Projects Management; Ministry of Municipals Affairs, Amman, Primavera, June, 27-30, 2005.
- 2005: Civil and Survey, Ministry of Municipals Affairs, Amman, July, 9-16, 2005.
- 2004: Urban Planning, Ministry of Municipals Affairs, Amman, December, 23-27, 2004.
- 2004: Engineering Management, Ministry of Municipals Affairs, Amman, July, 5-7, 2004.
- 2003: Engineering Drawing using AutoCAD, Jordan Engineering Association, June, 29- Aug., 24, 2003
- 2002: Planning, Ministry of Municipals Affairs, Amman, July, 13-15, 2002.

COURSES TAUGHT

DESIGN COURSES

- Graduation Project 2: Developing a comprehensive architectural and/or urban solution to the design problem which has been identified and analyzed in Graduation Project (1).
- Graduation Project 1: introduce various approaches to choosing design problems and Developing students' abilities of project thesis writing.
- Design 6 : Advanced design of buildings with emphasis on the tectonics of structures, envelopes, materials and engineering & environmental systems
- Design 4: Emphasis on the major trends of modern architecture
- Design 2: Focus on Understanding and exploring function in architectural design.
- Design 1: Studio-based on investigation of the fundamentals of making architectural form and space with an emphasis on human-based inquiry and exploration.
- Basic Design 2: Deal with Formal attributes of three dimensional visual designs.
- Basic Design 1: Deal with visual design elements and principles, two dimensional visual compositions

ARCHITECTURAL AND CONSTRUCTION DRAWINGS

- Architectural Drawing: to enable students acquire basic skills in architectural drawings and hand writing
- Working Drawing: This course entails the full preparation of working drawings with their details that can be considered sufficient for construction of a given building.

BUILDING CONSTRUCTION

- Building Construction 1: (Materials
- Building Construction 2 (Systems)
- Building Construction 3: (finishing)

PRESENTATIONS

- Visual communication 1: Basic skills of free hand drawing as a means of expressing perceptions
- Visual Communication 2: Basic technical methods and proximate methods of perspective construction

METHODOLOGY

- Architectural Analysis and Programming: Talk about architectural and facilities programming. Pre-design studies and design problems analysis and understanding. Fundamental concepts and models of architectural problem solving
- Technical Writing and & Verbal Communication: Trains students to professionally prepare academic reports & effectively present expressive speeches

INTELLEUTUAL CONTRIBUTION

Dissertation

-Al Momani, H. (2006). Evaluating Indoor Air Quality (IAQ) As Modifying Factor in Designing Public School Buildings in Jordan, "Irbid as A Case Study". M.Sc. thesis, Jordan University of Science and Technology, Irbid, Jordan

Refereed Articles

-Abu Alatta, Rawan; Momani, Hind. (2020), "Integrating 3D Game Engines in Enhancing Urban Perception: A Case Study of Students' Visualization of Urban Space." *A: ACE: Architecture, City and Environment*, 2021; vol. 16, (47), 9886
DOI: [10.5821/ace.16.47.9886](https://doi.org/10.5821/ace.16.47.9886)

- Ali, H. H., Abu Al-Rub, F. A., Shboul, B., & Al Moumani, H. (2020), "Evaluation of Near-net-zero-energy Building Strategies: A Case Study on Residential Buildings in Jordan". *International Journal of Energy Economics and Policy*, 2020; 10(6), 325–336
DOI: <https://doi.org/10.32479/ijeep.10107>

-Hammad H. and Momani H. (2009), "Evaluating Indoor Environmental Quality of Public School Buildings in Jordan", *Indoor and Built Environment*; 2009; 18(1):66-77
DOI: [10.1177/1420326X08100760](https://doi.org/10.1177/1420326X08100760)

-Momani H. and Hammad H.(2008), "Sick Building Syndrome in Apartment Buildings in Jordan", *Jordan journal of civil engineering*, 2008; 2(4):391- 403

-Ali, H. H.; Al-Momani, H. (2004). Evaluating Indoor Air Quality (IAQ) as Modifying Factor in Designing Public School Buildings in Jordan. Energy Systems Laboratory (<http://esl.tamu.edu>); Texas A&M University (<http://www.tamu.edu>). Available electronically
DOI: <https://hdl.handle.net/1969.1/4604>

Presentations, Exhibitions and Conferences

Presentations

- Hammad H., Batainh A., and Al-Momani H., "Integrated framework for implementing sustainability into architectural design process", public lectures series, JUST, Feb. 2017
- Hammad H. and Al-Momani H., "Integration Design Methodology as a New Design Experience", scientific days for graduation projects 2014, JEA, Amman, Jan.2015.
- Al-Momani H. and Hammad H., "Evaluating Indoor Air Quality (IAQ) as Modifying Factor in Designing Public School Buildings in Jordan", Symposium On Improving Building Systems In Hot & Humid Climates, Richardson, Texas: USA, May, 17 & 18, 2004

Exhibitions and participations

- 12th Arab architectural exhibition for graduation project, Morocco, Dec. 2014: Nora Abu Afefeh (my own graduated st.) one of 3 students share this exhibition from JUST.
- Innovative Undergraduate University Projects, King Abdullah II fund for Development (KAFD), 2014
- Graduation Projects competitions, JEA, for several years.
- I sustain competition, A/E business council, for several years
- The Omrania /CSBE Student Award for Architectural Design competition, center for the study of the built environment, for several years

Conferences

- Attendance: National Dialogue on Air Quality and Impact on Public Health, RSS, Amman, nov,23,2021
- Attendance: INVENT final conference; innovation ecosystem in Jordan, Erasmus & JUST, Sep., 25,2018
- Attendance: fifth architectural Jordanian international conference, JEA, Amman, 2016
- Attendance: 1st Architectural Forum for North Branches, (JEA), Jadara University, 2016
- Attendance: 4th architectural conference "towers and high rise buildings", (JEA), Amman, June, 9-11, 2008

SERVICES

Services to the University

Department assignment:

- 2016: new extension of Academic development centre (interior design)
- Acceptance Exam for department of architecture 2011, 2012, 2014, 2015
- 2012, 2013: Integrated Design Exhibitions: coordinator (J.U.ST and JEA)
- 2010: Color-Chosen Committee to the Central Library at Jordan University of Science and technology
- 2009: Building Construction Exhibition, CAD: J.U.ST
- 2008 till now: Advising: Students in Architecture department, Faculty of Architecture and Design, Jordan University of Science and Technology
- 2008 - 2014: Social, Labs, Drawing halls and public safety committees,
- 2008: Coordination between the architecture and architecture engineering syllabus committee

Services to the Profession and Community

-Member: Organization/Associations

- 2002- Present: Jordan Engineers Association.
- Member: Final Jury Committees in different Universities
- Member: scientific trip to Spain and Portugal, scientific committee, JEA, 2016
- Member: scientific trip to Czech and Hungary, scientific committee, JEA, 2015
- Volunteer: All Jordan Youth Commission (هيئة شباب كلنا الاردن)
- Volunteer: Annual Summer Training Program For Children, National Information Technology Center(NITC) 2015, 2016
- Volunteer: Annual Jury Tour Day 2013, 2014, 2015
- Volunteer: Campaign of Collecting and Maintaining the Koran, Nouh Alqudah Foundation and NITC, June, 2013
- Volunteer : (YAUM ALFARAH), volunteer's activity day for the community (focused kids), at Othman Bin Affan school (Irbid), july,7,2012
- Volunteer: Al Hussein Youth Camps for Work and Construction, Ministry of Youth (MOY), 2011

REFERENCES

-Professor Natheer Abu Obaid , Full professor

President, German Jordanian University, Jordan

Dean of Architecture and design Collage, Jordan University of Science and Technology; till 2012

E-mail: natheer.AbuObeid@gju.edu.jo

-Dr. Hikmat Hammad, Full professor

Associated Professor, Faculty of Architecture and Design, Jordan University of Science and Technology, Jordan

E-mail: hikmat@just.edu.jo

-Dr. Anwar Ibraheem

Assistant Professor, Faculty of Architecture and Design, Jordan University of Science and Technology, Jordan

E-mail: afibrahim@just.edu.jo