



Mohamad Yasser Al-Ammar

Assistan Professor in Architectural Engineering

I am currently focusing on two main aspects. The first aspect is academic teaching in the field of building sciences and construction techniques, particularly in the field of architectural construction. The second aspect involves Professional work in architectural surveying, documentation, and preparation of preliminary and detailed design studies for sustainable rehabilitation projects of buildings; especially the buildings of the French Mandate period in Syria, and supervising the implementation of the architectural aspect of engineering projects.

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Educational Qualifications:

2021 A.D.

Earned a Ph.D. in Building and Construction Sciences from the Faculty of Architecture, Damascus University, with a specialization in Architectural Construction.

2016 A.D.

Awarded a Master's degree in Building and Construction Sciences from the Faculty of Architecture, Damascus University.

2010 A.D.

Graduated with a Bachelor's degree in Architecture from the Faculty of Architecture, Damascus University.

SKIKKS AND COMPETENCEIES:

Architectural Technical Skills:

Autodesk Autocad	<div><div></div></div>
Autodesk 3ds Max	<div><div></div></div>
Lumion Pro	<div><div></div></div>
Google SketchUp	<div><div></div></div>

Digital Skills:

MS office - Word	<div><div></div></div>
Adobe InDesign	<div><div></div></div>
MS office - Excel	<div><div></div></div>
MS office - PPT	<div><div></div></div>
MS Project	<div><div></div></div>

Graphic Technical Skills:

Adobe Photoshop	<div><div></div></div>
Adobe Illustrator	<div><div></div></div>
Adobe After Effects	<div><div></div></div>
Adobe Premiere	<div><div></div></div>

Analytical & Problem-Solving Skills:

Critical Thinking	<div><div></div></div>
Finding Solutions	<div><div></div></div>

Language Skills:

Arabic	<div><div></div></div>
English	<div><div></div></div>

Scientific Contributions:

- Developed a specialized, independent application tool for assessing the sustainability of engineering projects related to the rehabilitation of French Mandate buildings in Damascus (2021).
- Published a series of peer-reviewed research papers in the Journal of Damascus University for Engineering Sciences;
 - The Modern Built Environment in Damascus and Functional Response during the Second Quarter of the 20th Century, No. /5102/ - /433/ N, 2020.
 - Guidelines for the New Building System in Damascus and Levels of Implementation During the Second Quarter of the 20th Century, No. /4059/ - /1967/ N, 2018.
 - Sustainable Rehabilitation of the Historical Printing House and Official Gazette Building in Damascus, No. /2040/ - /1181/ N, 2017.
- Co-founded the “Paper Architecture” workshop at the Faculty of Architecture, Damascus University (2015).
- Contributed to the establishment of the digital repository at the Faculty of Architecture, Damascus University (2014).

Professional Experience:

- Sep. 2022 – Present** | **Peer Reviewer - Damascus University Journal;**
 - Member of the peer-review board for scholarly manuscripts submitted for official publication in the Damascus University Journal of Engineering Sciences.
- Sep. 2021 – Present** | **Full-time Faculty Member - Department of Building Sciences and Construction, Faculty of Architecture, Damascus University;**
 - Delivering undergraduate and graduate courses in building sciences and construction technologies.
 - Supervising undergraduate thesis projects.
 - Mentoring graduate students in both the academic master’s program and the professional master’s program in building sciences and construction techniques.
- Oct. 2021 – Present** | **Part-time Faculty Member - Faculty of Architecture, Yarmouk Private University;**
 - Teaching specialized courses in building sciences and construction technologies.
 - Supervising undergraduate thesis projects.
- July 2013 – Aug.2021** | **Teaching Assistant - Department of Building Sciences and Construction, Faculty of Architecture, Damascus University;**
 - Assisted in teaching core undergraduate courses in building sciences and construction technologies.
- June 2015 – Present** | **Co-founder - WY Gami Group;**
 - Leading initiatives in paper recycling and sustainable material.
 - The creation of diverse artistic forms unique to the crafts of 3D Origami and Kirigami.
- July 2011 – June 2013** | **Architect - Directorate of Engineering Affairs and Technical Services at Damascus University;**
 - Conducted technical assessments for various architectural and engineering projects.
 - Supervised the architectural implementation of multiple university construction projects.

June 2011 – Present | Associate Architect;

- Specializing in building rehabilitation and restoration, with a primary focus on historical structures in Damascus.

June 2009 – Present | Professional Trainer in Architectural and Design Software;

- Conducting specialized training programs on architectural and design software at leading training centers in Damascus.

June 2009 – 2019 | Technical Skills Trainer;

- Conducted professional training for architecture students on advanced engineering and design software, equipping them with the skills to utilize these tools creatively and efficiently.
- Delivered specialized training on Adobe Creative Suite to students and artists, fostering their artistic abilities and enhancing their creative potential.

Oct. 2007 – Present | Graphic Designer;

- Specializing in the development of corporate visual identity systems.
- Executed a diverse range of digital assets and corporate branding materials for governmental institutions in Syria, as well as for private sector entities in select international markets.

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