

Curriculum vita

Naglaa Mahmoud Hassan

Lecturer

Master and PhD in Improving Management and Quality management for Architecture and Construction Firms

Current Position: Following-up & Business Development Director, SAG Consulting Group



OBJECTIVES

Helping people to **develop** themselves through Continued Education and Training, with **high quality of capacity building**, to reach a royal place in their career.

Improving quality management, process, risk and crisis management for Architectural and Construction firms.

CONTACT INFORMATION

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PERSONAL DATA

Date of birth: 1-Dec.-1965, Cairo

Nationality: Egyptian

Religion: Muslim

Marital status: Married



EDUCATION:

PhD in Architectural engineering, 2016

Cairo University, Faculty of Engineering, Architecture Department

Title: **New Technology and improving the quality and the management performance of the Architecture firms.** Including developing **Web-based Software for managing distributed Architecture and Engineering Firms.** [[App EgyptArch Office](#)] I created the concept, design and system analysis.

Master of Architectural engineering, 2012

Cairo University, Faculty of Engineering, Architecture Department

Master thesis title: [**Using software in Managing Architectural offices**].

Including development of a desktop software [**Egypt Arch Manager**] for **managing Architectural and Engineering Offices**. I created the concept, design and system analysis.

Bachelor of Science in Architectural Engineering, 1988

Ain Shams University, Faculty of Engineering, Architectural Department

Grade: Good, Graduation project: **Very Good**

EXPERTS and SKILLS:

Courses:

- Environmental Architecture
- Sustainable Development
- Strategic Management & improving quality in Architecture & Construction Business

Training and Research skills

- Teaching and Researcher
- Self-educated and self-development
- Design, develop, and manage programs
- Career advising
- Training needs analysis TNA

Marketing:

- Design marketing tools
- Digital marketing
- Publications planning and design
- Organizing Events

Software user

- Expert user of: business software, graphic software, CAD software
- Web design and development
- Writing: Proposals, Articles, research, and books reviews.

CURRENT JOB

Part-time Assistant Professor

Ain Shams University, Faculty of Engineering, Credit Hours program, Building department.

Environmental Architecture: Building Envelope Design

Starting from
September
2019 till
present

Teaching:

- Designed and teaching

Course Outline

- Introduction to building envelope and its function
- Building Envelope Aesthetics and symbolism
- Climate, Man and Building envelope
- Thermal Conduction and Insulation of Building envelope
- Solar shading of Building envelope.
- Fenestration and Glazing.
- Massive walls, slab on Grade and thermal Storage
- Ventilation and Infiltration through Building envelope
- Daylighting Vision and Privacy
- Noise control
- Damp proofing of Building envelope

Professional Ethics – Environmental Architectural Engineering department

Teaching: [Summer 2020]

- Designed and teaching

Course Outline

- What is Ethics, Factors impacts on Ethics
- Metrix of Ethical Judgment
- Schools of Ethics
- Rights & Duties
- Professional Code of Ethics in Egypt
- Ethical Aspects of Engineering Practice
- Code of Ethics in other countries
- Culture and Organization behavior
- Career development for Architects

Professional Practice and Building Legislation – Environmental Architectural Engineering department

Teaching: [Spring 2021]

- Designed and teaching

Course Outline

- What is Ethics and Factors impacts on Ethics
- Principles and Ethics of the Engineering Profession
- Rules and Ethics of professional Practice
- The Eight Ethical Aspects of Engineering Practice
- Architects Qualifications and Roles and responsibilities of all parties.
- Architects Responsibilities & Punishments
- How to write proposals and calculating fees.
- Types of contracts, Biddings and Tenders, Business plan and Marketing plan
- Building Laws: [No.119 Est. 2008, Executive Regulation 144 of 2009]
- Quality Improvement in the Architecture Practice Firms and Processes
- Organization Culture, Behavior and Management
- How to start your own business

Free Lancer Instructor/ Trainer
Arab World Training Center, AWTC.

13 June 2021 –
24 June 2021

Green Architecture and Sustainable Development

Teaching: Sudanese participants From Port-Sudan Country

Course Outline

- Introduction to Green and Environmental Architecture
- Climate zones, Man and Thermal Comfort
- Thermal Conduction and Insulation
- Solar Radiation and shading devices.
- Fenestration ratio and kind of Glazing.
- Massive walls, slab on Grade and thermal Storage
- Daylighting design strategies
- Raining water and infiltration
- Noise control and design strategies
- Climatic & Environmental design in Historical and Vernacular Architecture
- Retrofitting, reuse gray water in buildings
- Green City – Green Transportation
- Renewable Energy - Using Solar Energy in Buildings
- Renewable Energy & Embodied Energy and Waste Recycling
- Closing course

Agile Project Management

Teaching: Sudanese participants From Port-Sudan Country

4 August –
15 August 2021

Course Outline

- What is the concept of project management processes and the structure of these processes?
- What are the Project Management Process Groups?
- What does Agile mean?
- What does Agile PM mean?
- What is the Agile manifesto?
- What are the Agile methodologies?
- What are the positive points in Agile PM?
- What are the negative points in Agile PM?

Free Lancer Management Consultant

Contracting Company: [El-Genedy Company]

February
2021- May
2021

- Improving management and quality system

Work details

- Re-Hierarchy the organization chart
- Design the Job description to the projects sector
- Flow chart for the projects life cycle to improve quality
- SOP [Standard Operation Procedures] for all steps of Projects' Sector
- Design courses to improve quality and train the engineers on how to implement the SOP's.

Teach the courses to improve quality management system, archive system, etc.

American University in Cairo, Faculty of Science and Engineering
Engineering and Science Services [ESS] Instructor

March 2018
December 2019

Teaching:

- Designed and teaching a new course for Architects and Engineers

Business Management for Architecture and Construction Firms - BMAC

- This course run **Five times since March 2018, for more than 75 participants.**

Course Outline

- Introduction of architectural office management in regular and virtual offices.
- Business sustainability and growing
- Change Management, Innovation and a business function
- Manage architects and creators.
- Manage and Lead design process
- Evaluate architects, projects, and office performance
- Quality and Risk Management in Architectural and construction firms.
- Common problems and its solutions, using new technology
- Awareness about “Architectural Family Business and how to overcome its challenges”.
- Practical Exercise, case study (presentation).

Course evaluation

The evaluation of each round was 4.5 over 5.

American University in Cairo, Faculty of Science and Engineering
Engineering and Science Services [ESS] Senior Program Specialist, Liaison industrial and career adviser

March 2013
Till
January 2019

Liaison Industrial Officer.

- Identifying the current and future needs of the community to develop the services of ESS
- Creating and coordinating new courses and programs, by working with Faculty and Instructors to translate clients’ needs into courses.
- Creating and coordinating new courses to improve the quality of the engineers in industries and the TA’s in the private Universities
- Creating partnership agreements with many organizations, among others: Engineering Syndicate, Science Syndicate, CAO - Central Authority for Organization & Administration and AOI- Arab Organization for Industrialization, as well as Privet sector companies and industries.
- coordinating with other universities and training centers in Egypt and abroad
- TNA [Training Need Analysis] for several industries and companies
- Career Advice
- Marketing and digital Marketing of services of ESS
- Graphic design of Marketing Material
- Organizing Events, to present the ESS programs and services to prospective clients.

EMPLOYMENT HISTORY

Center of Planning & Architecture Studies [CPAS]

July 2015

Part-time Quality Manager

Till

- Quality control on projects deliverables.
- Setting new software to monitor and manage the performance of the employees and the working process.
- Helping the center in preparing ISO 9001 files to get the certificate

July 2016

ArchPlan office for architects & Planners	March 2009
President of business Development & Publication dept.	Till
<ul style="list-style-type: none"> • Preparing proposals and Tenders. • Quality control, Evaluation. • Publication design [Letter head, Envelops, Covers, Brochure, Catalogue] 	August 2009
El-Marwan group for architectural consultant and project managements.	November 2007
Branch manager of Cairo Branch	Till
<ul style="list-style-type: none"> • Managing and Coordinating projects. • Web design • Publication design [Letter head, Envelops, Covers, Brochure, Catalogue] 	January 2009
EgyptArch Online, a website for Egyptian Architecture	2000 - now
Founder, webmaster, web designer and manager	
Website designer for Architects and real estate developers http://www.egyptarch.com , http://www.egyptarch.net	
Infinity for publishing, promotions and advertising	1990 - 1995
Administrative manager: "Management and Graphic design".	
EL-Zafarany for architecture and Planning.	1988 -2007
Architectural design, Landscape design, Interior design, construction management	

COURSES:

Courses in American University in Cairo 2016 - 2018

1. Learning and Teaching Enhancement certificate:
 - a. The Enhanced Lecture
 - b. Technology to Support Good Practice in Undergraduate Education Classroom Assessment
 - c. Techniques to Improve Student Learning
 - d. Understanding by Design (UbD)
2. Integrative Business Negotiations: The Path to Smart Bargaining
3. Understanding the Customer Service Journey
4. Leadership Development Program
5. Public Speaking

Nile University 2009

Decision Analysis: Dr. Khaled EL-Rayess Grade: B+

Cairo University 2010 - 2013

Criticism 1 & 2 Grade: A
Culture & Architecture 1 & 2 Grade: A
Architecture Project Management Grade: A
Practice research "Quality of Life" Grade: A
Conservation Grade: A
Research Methodology Grade: A

ARTICLES and PUBLICATIONS

2005 - 2016

Scientific Publications:

- **New Technology role in solving problems in Virtual Architectural Offices**
 - **With:** Dr. Basil Kamel and Dr. Hisham Gabr
 - El Azhar journal, Faculty of Engineering, Cairo, Egypt, **2016**
- **How to improve Quality in Managing Engineering Offices**
 - **With:** Dr. Basil Kamel and Dr. Hisham Gabr
 - El Azhar journal, Faculty of Engineering, Cairo, Egypt, **2016**
- **Managing Architectural Offices Using Software.**
Special Reference to Local Small and Mid-Size Firms
 - **With: Dr. Basil Kamel**
 - Conference of International Institute of Engineers (IIE), London, **2011**

Art Magazine Articles

- **Garedat al fonoon:**
 - Architecture and missing beauty
 - Architecture of Museums and criticism

Web Books Reviews:

[The Urban development and the Architectural Heritage of El-Quds City](#), [Islamic Architecture and the Environment](#), [Environmental design "Green Architecture, Applications on Environmental Architecture](#)

WEB DESIGN

Start 2000 till 2012

Online web sites:

<http://www.egyptarch.com>, <http://www.egyptarch.net> 2000 - 2008

Founder and web master of the site: Design, collecting data and pictures

Design of several web sites for marketing projects

- El-Andalus resort, Ocean breeze Resort. 2005 - 2008
- Youtobia resort, Mermaid Resort.
- Hania beach resort, Prestige Aqua park resort.

Panorama of an offline museum:

Islamic architecture of Egypt in offline museum. 2005
El-Sennary house as an example

PROFESSIONAL QUALIFICATIONS

Languages:

English: Very good in Read, written and spoken, English TOEFL score 543

French: Fair in Read, written and spoken

Computer skills:

Excellent in:

- **Microsoft office:** word, Excel, Power point, Front-page, One Note, Windows moviemaker, Panorama programs.
- **Adobe Macromedia suite:** Dream weaver, Flash Adobe, Adobe Photoshop, Adobe Image Ready, Adobe InDesign, Adobe Illustrator

Very good in: Vector works

Good in: DesignBuilder

Fair in: AutoCAD, Rivet, 3D Max

Interests:

- Reading history, architecture, Novels, Psychology and poems
- Writing articles in: Social, architecture
- Listening music and Painting
- Web design, Graphic design [catalogue, flyer, cards, CD labels, brochures]