

ABDELAZIM IBRAHIM ABDELAZIM ABDALLA MANSOUR



NATIONALITY: EGYPTIAN

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SUMMARY

Research Assistant at Dept of Building & Real-Estate, Hong Kong polytechnic university.

EXPERIENCE

Civil Engineer, 12/2018 – 07/2023

EGE for Construction and Architecture Engineering, Benha, Egypt

- Contribute to the construction of Benha burns and tumors hospital (which consist of 6 floor buildings and development of Al-Qasr Al-Aini Hospital in Cairo).
- Contribute to the Supervision, Quantity surveyor and preparing workshop drawing for many projects in Egypt.
- Contribute to the construction of 5 new schools and 12 new building.
- Verified consistent delivery of high-quality work across structure construction.
- Contacted project stakeholders to resolve complex problems.
- Study and prepare the project contract document (time schedule, BOQ, etc.)

Teaching & Research Assistant, 01/2017 – 08/2023

Benha Faculty of Engineering, Benha University, Benha, Egypt

- Under the guidance and support of senior academic staff to lead/support in small special project areas e.g., managing the school's social media and/or web presence, student field trips, and guest lectures.
- Under the supervision and guidance of a senior academic member of staff, and using an established curriculum, to deliver seminars and tutorials, workshops, computer laboratory classes or other small group learning activities and/or deliver skills instruction to individuals or small groups and/or deliver support to students on placement.
- Under the direction of senior academic staff, mark and moderate, as appropriate, assignments, exam scripts or other assessment materials to pre-set requirements /protocols and/or mark and assess students 'skills through practical assignments and class tests to preset requirements.
- Prepared and duplicated teaching materials to help facilitate student understanding of key content.
- Provided stimulating learning environments, motivating students to engage with class activities and reach potential.

AND such other duties as are within the scope and spirit of the job purpose, the title of the post and its grading.

AWARDS

Award: "Benha University International Publishing Award 2022."

SKILLS

- AutoCAD
- Revit
- Microsoft Office
- Primavera
- Statistical packages (SPSS)
- ASD
- Simos'
- TOPSIS
- AHP
- Programming language python (beginner)
- WSM
- Background in (BIM)
- Background in (AI)
- Background in (Data base management system)
- Background in (machine learning)
- PMP (preparation course)
- Zoom & Microsoft Teams
- Prezi & beautiful.ai
- Radan (GPR SOFTWARE ANALYSIS)
- Background in (waste management)
- Background in (sustainability)
- Background in (multi-criteria decision-making techniques)
- System Dynamics
- Highly accurate
- Operational analysis
- Advanced critical thinking
- Strong decision maker
- Project management
- Good listener and communicator
- Team-work oriented
- Ability to work with my academic team to publish a scientific paper.

EDUCATION

Benha University, Benha, 2016

Bachelor of Civil Engineering: Civil Engineering

- Graduation Project in Construction Engineering and Management
- Cumulative Grade: Excellent with Honors

Benha University, Benha, 2022

Master of Science in Civil Engineering,

- Master Thesis Titled (**Conceptual Framework for Sustainable Lean Construction in Egypt**)

PUBLICATIONS

- Scientific research has been published in **buildings** journal entitled (**Selecting Key Drivers for a Successful Lean Construction Implementation Using Simos' and WSM: The Case of Egypt**)

<https://doi.org/10.3390/buildings12050673>

Abstract:

Despite the use of numerous new and advanced technologies in construction projects, the industry's efficiency remains low. For a long time, this business has faced a significant challenge, such as non-value-added activities, which are also known as waste. Lean construction is one method for improving the situation by reducing waste and increasing value for the client. This study provides an in-depth literature review to provide a comprehensive list of all critical drivers and groups all these drivers into one research paper in order to determine the importance (weights) of these drivers, their relative importance, and propose an innovative methodology for ranking them by using Simos' approach. Seven construction project case studies are proposed to assess their lean status, verify the key-list using a Weighted-Sum Model as a multi-criteria decision-making technique to rank them, and find the best one in terms of lean implementation. Subsequently, a sensitivity analysis was conducted to determine the most critical criterion for the key list. The following are some of the study's main findings: 18 key drivers were identified and ranked, a clear definition of the client's requirements was the most global weight between factors, and case studies demonstrated that more than 60% of the lean drivers are implemented in Egypt. Day-to-day observation and standardized work were the top two most widely used lean practices in Egypt.

- Scientific research under review entitled (**An Investigation of the Applicability of Lean Construction in the Egyptian Construction Industry: Awareness, Benefits, and Barriers**)
- Scientific research under review entitled (**Comparative Analysis of Design for Deconstruction and Prefabrication & Modularization with BIM concepts for Reducing Construction Waste in Healthcare Projects USING SD**)

LANGUAGES

Arabic: Mother tongue

English:

Advanced

C1

French:

Elementary

A2



BENHA UNIVERSITY



Unified Certification Center



019038

The Faculty of Engineering at Benha, hereby certifies that

Mr. / Abdelazim Ibrahim Abdelazim Abdalla Mansour

Was awarded the Bachelor of Engineering in Civil Engineering,

Department: **Civil Engineering**

Session of : **June**

Total Marks : **7320 / 8500**

Year : **2016**

National ID: **29305081402234**

Accumulative grade : **Excellent With honours**

Percentage: **86.12 %**

Preparatory Year : 2012

CODE	NAME OF COURSE	HOURS				GRADE	CODE	NAME OF COURSE	HOURS				GRADE
		Lec.	Sec.	Pract.	Total				Lec.	Sec.	Pract.	Total	
B111	Mathematics	4	2	—	6	Good	B142	Chemistry	2	—	2	4	Excellent
B121	Mechanics	2	2	—	4	Excellent	M162	Technology and Society	2	—	—	2	Excellent
B131	Physics	2	2	2	6	Excellent	E110	Using of Micro Computer	2	—	3	5	Excellent
B141	Chemistry	2	—	2	4	Excellent	M150	Engineering Drawing	—	4	—	4	Good
M161	Production Engineering	2	—	—	2	Excellent	M160	Workshops	—	—	6	6	Good
B112	Mathematics	4	2	—	6	Very Good	S100	English Language	—	—	3	3	Excellent
B122	Mechanics	2	2	—	4	Very Good							
B132	Physics	2	2	2	6	Very Good							

General grade: **Very Good**

First Year : 2013

CODE	NAME OF COURSE	HOURS				GRADE	CODE	NAME OF COURSE	HOURS				GRADE
		Lec.	Sec.	Pract.	Total				Lec.	Sec.	Pract.	Total	
B1111	Mathematics (2) (a)	3	2	—	5	Very Good	C1112	Structural Analysis (1 - b)	3	2	—	5	Very Good
C1112	Structural Analysis (1-b)	3	2	—	5	Very Good	C1102	Computer Applications (1 - b)	—	—	2	2	Excellent
C1101	Computer Applications (1 - a)	—	—	2	2	Excellent	C1104	Civil Drawing (b)	1	—	2	3	Excellent
C1103	Civil Drawing (a)	1	—	2	3	Good	C1106	Engineering Applications (1 - b)	1	—	2	3	Excellent
C1105	Engineering Applications (1 - a)	1	—	2	3	Excellent	C1122	Technology of Building Materials	3	1	1	5	Very Good
C1121	Properties and Testing of Materials	3	1	1	5	Very Good	C1132	Plane Surveying	3	1	1	5	Very Good
C1141	Fluid Mechanics	3	1	1	5	Good	M1104	Mechanical Engineering Technology	3	1	—	4	Excellent
E1105	Electrical Engineering Technology	3	1	—	4	Excellent	G1122	Human Rights	2	—	—	2	Excellent
G1111	English Language	—	—	2	2	Excellent							
B1112	Mathematics (2) (b)	3	2	—	5	Excellent							

General grade: **Very Good**

Second year : 2014

CODE	NAME OF COURSE	HOURS				GRADE	CODE	NAME OF COURSE	HOURS				GRADE
		Lec.	Sec.	Pract.	Total				Lec.	Sec.	Pract.	Total	
B1217	Mathematics (5) (a)	3	2	—	5	Excellent	C1212	Structural Analysis (2 - b)	3	2	—	5	Excellent
C1211	Structural Analysis (2 - a)	3	2	—	5	Good	C1252	Design of Concrete Structures (1)	3	2	—	5	Good
C1221	Concrete Technology	3	2	1	6	Excellent	C1242	Hydrology	3	1	1	5	Excellent
C1241	Hydraulics	3	1	1	5	Excellent	C1208	Architectural Engineering	3	1	1	5	Very Good
C1231	Topographic Surveying	3	1	1	5	Excellent	C1206	Engineering Applications (2 - b)	1	—	2	3	Excellent
C1205	Engineering Applications (2 - a)	1	—	2	3	Excellent	C1202	Computer Applications (2 - b)	—	—	3	3	Excellent
C1201	Computer Applications (2 - a)	—	—	3	3	Excellent	C1204	Profession and Society	3	—	—	3	Excellent
M1283	Industrial Safety	2	—	—	2	Excellent							
B1218	Mathematics (5) (b)	3	2	—	5	Excellent							

General grade: **Excellent**

Third year : 2015

CODE	NAME OF COURSE	HOURS				GRADE	CODE	NAME OF COURSE	HOURS				GRADE
		Lec.	Sec.	Pract.	Total				Lec.	Sec.	Pract.	Total	
C1311	Structural Analysis (3)	3	2	—	5	Excellent	C1352	Design of Concrete Structures (2 - b)	3	2	—	5	Excellent
C1351	Design of Concrete Structures (2 - a)	3	2	—	5	Very Good	C1362	Geotechnical Engineering (b)	3	1	1	5	Very Good
C1361	Geotechnical Engineering (a)	3	1	1	5	Good	C1372	Design of Steel Structures (1 - b)	3	2	—	5	Good
C1371	Design of Steel Structures (1 - a)	3	2	—	5	Good	C1382	Highway Engineering	3	1	1	5	Excellent
C1331	Photogrammetry and Geodesy	3	1	1	5	Very Good	C1342	Irrigation & Drainage Engineering	3	2	1	6	Excellent
C1381	Transportation Planning & Traffic Engineering	3	1	1	5	Excellent	C1392	Water Supply Engineering	3	2	1	6	Excellent
C1301	Personals Skills	—	—	2	2	Very Good	C1304	Pollution and Environment	1	—	1	2	Very Good
C1300	Technical Report	—	—	2	2	Very Good							

General grade: **Very Good**

Fourth Year : 2016

CODE	NAME OF COURSE	HOURS				GRADE	CODE	NAME OF COURSE	HOURS				GRADE
		Lec.	Sec.	Pract.	Total				Lec.	Sec.	Pract.	Total	
C1461	Design of Foundation (a)	3	2	—	5	Pass	C1500	Project	2	—	6	8	Excellent
C1451	Design of Concrete Structures (3)	3	2	—	5	Very Good	C1472	Steel Structures Design (2)	4	—	2	6	Excellent
C1481	Highway and Airport Engineering	3	2	1	6	Excellent	C1402	Projects Management	3	2	—	5	Excellent
C1491	Sewerage	3	2	1	6	Excellent	C1584	Simulation Models of Transportation & Traffic	3	2	—	5	Excellent
C1441	Design of Irrigation Works	4	2	—	6	Very Good	C1582	Highway Construction Management & Quality control	3	2	—	5	Excellent
G1401	Legislations & Contracts	2	—	—	2	Excellent	C1408	Engineering Economy	1	1	—	2	Excellent
G1401	Field Training	—	—	2	2	Excellent							
C1462	Design of Foundation (b)	3	2	—	5	Good							

General grade: **Excellent**

Official in Charge

Checker

Director of Student Affairs

Vice Dean For Student Affairs

Dean of the Faculty

Mervat Ahmed

Nahla R.

Hshouk

Dated On: 2016/2017

Prof. Dr. Mohamed Ali Fouad





Unified Certification Center



BENHA UNIVERSITY Graduation Certificate

B 015853



The Faculty of Engineering at Benha, hereby certifies that:

Mr. **Abdelazim Ibrahim Abdelazim Abdalla Mansour**
Born In : **Kalyobiya** **On :** **8/5/1993**
Nationality : **Egyptian** **National ID :** **29305081402234**

Was Awarded the Bachelor of Engineering in :
" Civil Engineering "

Session Of: June **Year: 2016** **With Accumulative grade: Excellent With honours**
Total Marks: 7320/8500 **Percentage: 86,12 %**
Project Grade : Excellent

The Faculty Council Approved The Result of His Exam On: 27/7/2016
and The University Council On: 31/7/2016

Official in Charge **Checker** **Director Of Student Affairs** **Vice Dean For Student Affairs**
Marwa Ahmed *Nahla R.*



El-shouki
Dean of the Faculty
Elsayed Ali Fouad
Prof. Elsayed Ali Fouad

Based on the Unified Certification Center data in Benha University, date 28/8/2022
This data is documented on the database of Benha University. Reference available on:
<http://www.mis.bu.edu.eg/graduates/certificate>

E-Mail: grad_certificate@bu.edu.eg
Mobile: 00201272092990
Tel: 0020133210661





Unified Certification Center



011842

BENHA UNIVERSITY

STATEMENT



The Faculty of Engineering at Benha hereby certifies that:

Mr. \ **Abdelazim Ibrahim Abdelazim Abdalla Mansour**

Born in: **kalyobiya**

on: **08 /05 /1993**

Nationality: **Egyptian**

National ID: **29305081402234**

He had successfully attended the following postgraduate courses as a partial fulfillment of the requirements of M.Sc. of Engineering in Civil Engineering with average GPA 3.68 from 4.0.

He had obtained the following grades :

Code	Course	Examination Date	Grade	(GPA)
BENG 7453	Operations Research (1)	Jun.2018	Very good (B)	3.0
BENG 7454	Probability and Statistics	Jan.2018	Excellent (A+)	4.0
CENG 8400	Advanced Topics in Civil Engineering (1)	Jan.2018	Excellent (A-)	3.7
CENG 8401	Estimating and Tendering	Jun.2018	Excellent (A-)	3.7
CENG 8423	Advanced Methods for Repair and Strengthening of Structures	Jun.2018	Excellent (A-)	3.7
CENG 8484	Geometric Design of Highways	Jan.2018	Excellent (A)	4.0

Note: Pass = 60-70% & Good = 70-80% & Very Good = 80-90% & Excellent = 90-100%.

A+= 4.00(97% or more) A= 4.00(93% to less than 97%) A=3.70(89% to less than 93%) B+= 3.30(84% to less than 89%)
 B= 3.00(80% to less than 84%) B-= 2.70(76% to less than 80%) C+=2.30(73% to less than 76%) C=2.00(70% to less than 73%)
 C=1.70(67% to less than 70%) D+=1.30(64% to less than 67%) D=1.00(60% to less than 64%) F= 0.00(less than 60%)

Official in Charge

Checked by

Director of Graduate Studies

Vice Dean for Graduate Studies

Shimma

Seham

EGhiz

Prof. Dr.



Dean of the Faculty

Prof. Dr. Hayat Ali Fouad

Based on the Unified Certification Center data in Benha University, date 24/08/2022

This data is documented on the data base of Benha University. Reference available on:

<http://www.mis.bu.edu/graduates/certificate>

email: grad_certificate@bu.edu.eg

Mobile: 00201272092990

Tel: 0020133210661



BENHA UNIVERSITY

Unified Certification Center



011864

MASTER CERTIFICATE

The Faculty of Engineering at Benha hereby certifies that:

Mr. \ **Abdelazim Ibrahim Abdelazim Abdalla Mansour**
 Born in: **kalyobiya** on: **08/05 /1993**
 Nationality: **Egyptian** National ID: **29305081402234**

was awarded the **M. Sc. in Civil Engineering**

Thesis title **"Conceptual framework for sustainable lean construction in Egypt "**

The Faculty Council Approved on : **11/10/2022**
 The approval of the president of the university on: **26/10/2022 (By Delegation)**

Official in Charge Checked by Director of Graduate Studies Vice Dean for Graduate Studies
Shimma seham E6/11/2022 Elsayed Fouad



Dean of the Faculty

Prof. Dr. Elsayed Ali Fouad

Based on the Unified Certification Center data in Benha University, date **01/11/2022**
 This data is documented on the database of Benha University. Reference available on:
<http://www.mis.bu.edu.eg/graduates/certificate>

email: grad_certificate@bu.edu.eg
 Mobile: 00201272092990
 Tel: 0020133210861

