

Curriculum vitae

Abdel Rahman Fouad Fayez Aly



Personal Data:

Date of birth : February 17th, 1991
Nationality : Egyptian
Place of Birth : Giza, Egypt
Military Status : Postponed
Marital Status : Engaged
Address: Home: 6th of October city, 8th district, Street 10, building no. 103, apartment no. 302.
Work : Cairo University, Faculty of Engineering, Elgamaa St. Giza
Postal Code : 12566
Telephone : +2-02-38365795, +20-100-227-3427
E-mail : afouad@eng.cu.edu.eg
abdo_320_fouad@yahoo.com

Education:

Sept.2012- to Present	M.Sc. in Structural Engineering, Faculty of Engineering, Cairo University. Finished the premaster courses for 2 semesters with GPA (4) Thesis Title "Fracture of Solid Slabs and Crack Generation Using Boundary Element Method" The Thesis is expected to be finished in May.2015
May 2012	B.Sc. in Civil Engineering, Faculty of Engineering, Cairo University. Grade: Distinction with honours 'the 10 th in the overall standings out of 500 colleagues' (top 2%). Graduation Project: Structural analysis. Project topic: Analysis of high rise buildings under lateral loads. Grade: Distinction
May 2007	Graduated from Delta Language Secondary School with grade (98.8%).

Recent work:

Sept.2012- to Present	Teaching and research assistant at Faculty of Engineering, Cairo University, Structural Department, Materials division.
Aug.2014 to Present	Part-time design engineer in structural department at ECE 'Egyptian Canadian Engineers'

Experience:

▪ Cairo University

- Sept.2012-
to Present
- Teaching and Research Assistant in the division of "Structural Engineering"
Conducting research and teaching courses concerning "Structural Engineering".
Courses titles:
- Material Strength and technology for 2nd year civil department (Fall 2012)
 - Civil Engineering for 1st year Power department (Fall 2012)
 - Material Strength and technology for 1st year civil department (Spring 2012)
 - Planning and architecture specs for 2nd year civil department (Spring 2012)
 - Material Strength and technology (II) for credit hours system (Spring 2012)
 - Material Strength and technology project for 4th year civil department (Spring 2012)
 - Civil Engineering for 1st year Power department (Fall 2013)
 - Material Strength and technology for 2nd year civil department (Fall 2013)
 - Material Strength and technology for 1st year civil department (Spring 2013)
 - Planning and architecture specs for 2nd year civil department (Spring 2013)
 - Material Strength and technology (II) for credit hours system (Spring 2013)
 - Civil Engineering for 1st year Power department (Fall 2014)
 - Material Strength and technology for 2nd year civil department (Fall 2014)
 - Material Strength and technology (II) for credit hours system (Fall 2014)

Teaching Duties: Demonstrating, Preparing assignments, Grading assignments, Grading Mid-term exams, Meeting with students at office hours.

▪ ECE 'Egyptian Canadian Engineers'

- Aug.2014-
to Present
- Structural Engineer, Designing and detailing "Production and Erection" of Precast Concrete Projects.

▪ Material Strength and technology Laboratory in Cairo University

- Sept.2012-
to Present
- Laboratory Engineer
Conducting Lab. Experiments on Concrete construction materials, Concrete testing, Steel testing, and contribute in some new special types of concrete development, for an example "Light Weight Concrete".

▪ Canadian International College

- Sept.2013-
to Jan.2014
- Teaching and Assistant in the division of "Civil Engineering"
Conducting teaching courses concerning "Civil Engineering".
Course title:
- AutoCAD course for preparatory year (fall 2013).

▪ ACE Consulting Engineers

Sept.2012-
to Nov.2013 As part-time structural engineer, I share in analysis, design, and detailing of concrete projects, for an example "The Greater Cairo Metro line 4".

Training (before graduation):

- Trained at the Engineering Administration of 6th of October city club for one month.
- Trained at el ZAMIL steel company for one month in the project 'Mall of Arabia'.
- Trained at Arab Consultant Engineers (ACE) in the steel department for one month.

Awards:

Cairo University Faculty of Engineering Graduation Prize for Distinguished Students. (2013)
Cairo University Annual fellowships for distinguished undergraduate academic years 2007/2008, 2008/2009, 2009/2010, 2010/2011, 2011/2012.

Memberships:

Member in Egyptian Syndicate of Engineers (September 2012 to Present).

Language skills:

- Arabic : Mother tongue.
- English : Reading : Excellent
Writing : Excellent
Speaking: Excellent
Finished the upper intermediate levels in English at the British Council.
- French : good at reading and writing.

Computer skills:

- Auto CAD
- TEKLA
- SAP
- ETABS
- SAFE
- STAAD
- CSI Column
- Microsoft Office "ability to design spread sheets using MS Excel"

Personal skills:

- Ability to work under stress.
- Adapted to team work.
- Fast learner.
- Strong work Ethics.

Hobbies:

- Writing, Reading
- Sports 'football, handball, swimming'
- Driving

Objective:

Seeking a PhD degree opportunity in Structural Engineering and a Teaching/Research Assistant position, where my experience, technical skills and academic background will be applied and further developed.

Great honour to be at your team



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العليا



CERTIFICATE



This is to certify that engineer: AbdelRahman Fouad Fayez Aly

Born on: 17/2/1991

At: Giza

Nationality: Egyptian

Is registered on: Faculty 9/ 10 /2012– University 13 /3/ 2013(1/10/2012): for the degree of

MASTER OF SCIENCE

In

Structural Engineering

He has successfully completed the following courses in partial Fulfillment for this degree

COURSE

GRADE

- = Inspection, Maintenance and Repair of Steel Structures
- = Technical Language and Communications Skills
- = Prestressed Concrete
- = Special Topics in Materials Technology and Strength
- = Seminar
- = Computer and Numerical Analysis
- = Boundary Element Method (1)
- = Special Types of Concrete
- = GPA:

A
A
A
A
A
A
A
A
A
(A) (4)

The certificate has been issued upon the candidate's request

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REGISTRAR

[Signature]



*Table of Grades

A	A-	B+	B	B-	C+	C	D	F
(4.00)	(3.70)	(3.30)	(3.00)	(2.70)	(2.30)	(2.00)	(1.00)	(0.00)



219790

Civil Engineering Dept.

Subjects	Grades	Hours/Week lect. exc.	Subjects	Grades	Hours/Week lect. exc.
preparatory year 2007/2008					
Mathematics 1	Distinction	4 3	Physics 1	Distinction	4 3
Chemistry	Distinction	2 2	Technical Language	(Good)	0 3
Mechanics	Distinction	2 3	Engineering Drawing	Very good	1 3
Computers	Distinction	1 1	Production Technology 1	Distinction	2 2
History of Engineering Sciences	Distinction	2 0			
General Appreciation Distinction					
first year Civil Engineering 2008/2009					
Mathematics (2)	Distinction	4 2	Mechanics (2)	Distinction	4 2
Physics (2)	Distinction	4 2	Structural Analysis(1)	Distinction	2 2
Civil Engineering Drawings	Distinction	0 4	Planimetric Surveying	Distinction	2 2
Strength and Technology of Materials (1)	Very good	4 2	Engineer & The Environment	(Good)	2 0
Applied Statistics	Distinction	2 2			
General Appreciation Distinction					
second year Civil Engineering 2009/2010					
Structural Analysis & Mechanics (1)	Distinction	2 2	Strength and Technology of Materials (2)	Very good	4 2
Fluid Mechanics	Distinction	4 4	Geoinformatics	Very good	4 2
Electrical Install. & Construction Equi.	Very good	2 2	Engineering Geology	Very good	2 2
Reinforced Concrete (1)	Very good	3 2	Irrigation & Drainage Engineering	Distinction	2 2
Project Management	Distinction	3 1	Eng , Economics & Finance	Very good	2 1
Building Construction & City Planning	Distinction	2 2			
General Appreciation Distinction					
third year Civil Engineering 2010/2011					
Structural Analysis & Mechanics(2)	Distinction	2 2	Reinforced Concrete (2)	(Good)	2 2
Metallic Structures (1)	Distinction	2 2	Hydraulics Engineering	Distinction	4 4
Transport Planning and traffic Eng.	Distinction	4 2	Professional Skills & Ethics	(Good)	4 0
Design of Irrigation Works (1)	Distinction	4 2	Soil Mechanics	Distinction	4 4
Elective (1)	Distinction	2 2			
General Appreciation Distinction					
fourth year Civil Engineering 2011/2012					
Reinforced Concrete (3)	Distinction	2 2	Design of Irrigation Works(2)	Distinction	2 2
Highway and Airport Engineering (1)	Distinction	4 2	Foundations	Distinction	4 4
Environmental & Sanitary Eng. (1)	Distinction	4 2	Quantity Surveying & Cost Control	Very good	2 2
Metallic Bridges	(Good)	2 2	Harbour & Coastal Engineering	Distinction	3 2
Railway Engineering (1)	Very good	3 2	Elective (2)	Distinction	2 2
Elective (3)	Distinction	2 2	Project	Distinction	0 2
General Appreciation Distinction					

This is to certify that **ENG Abdel Rahman Fouad Fayez Aly**
 born on **17/02/1991** at **Giza** - **Egyptian** Nationality
 graduated from this faculty in **May 2012**
 and was granted the degree of **Bachelor of Civil Engineering**
 With a cumulative rate of appreciation **Distinction with honour degree (88.15 %)**
 Mentioned above are the rates of appreciations he/she obtained in the examinations
 during his/her course of study in the faculty.

These details are given to him/her upon his/her request to be submitted to whom it may concern

DATE

Registrar

DEAN

Prof. Dr. Sherif Ahmed Moured



GPA CALCULATOR: EGYPT

This international GPA calculator is intended to help you calculate the **United States Grade Point Average (GPA)** based on grades or points from almost any country in the world. The U.S. GPA is calculated on a 4.0 scale. You can leave your feedback and suggestions in the [GPA Calculator forum](#).

Country:

Egypt

Grading Scale:

University Level Scale B

[Clear grades](#)

	Class (optional)	Credits or hours*	Grade*	Delete
1	Mathematics (1)	7	A	Delete
2	Chemistry	4	A	Delete
3	Mechanics	5	A	Delete
4	Computers	2	A	Delete
5	History of Engineering	2	A	Delete
6	Physics (1)	7	A	Delete
7	Technical Language	3	B	Delete
8	Engineering Drawing	4	A-	Delete
9	Production Technology (1)	4	A	Delete
10	Mathematics (2)	6	A	Delete
11	Physics (2)	6	A	Delete
12	Civil Engineering Drawings	4	A	Delete
13	Strength and Technology (1)	6	A-	Delete
14	Applied Statistics	4	A	Delete
15	Mechanics (2)	6	A	Delete
16	Structural Analysis (1)	4	A	Delete
17	Planimetric Surveying	4	A	Delete
18	Engineer and Environment	2	B	Delete
19	Structural Analysis and M	4	A	Delete
20	Fluid Mechanics	8	A	Delete
21	Electrical Installation	4	A-	Delete
22	Reinforced Concrete (1)	5	A-	Delete
23	Project Management	4	A	Delete
24	Building Construction	4	A	Delete
25	Strength and Technology (1)	6	A-	Delete
26	Geoinformatics	6	A-	Delete
27	Engineering Geology	4	A-	Delete
28	Irrigation and Drainage En	4	A	Delete

	Class	Credits or hours	Grade	US Grade	GPA
1	Mathematics (1)	7	A	A	4.00
2	Chemistry	4	A	A	4.00
3	Mechanics	5	A	A	4.00
4	Computers	2	A	A	4.00
5	History of Engineering	2	A	A	4.00
6	Physics (1)	7	A	A	4.00
7	Technical Language	3	B	B	3.00
8	Engineering Drawing	4	A-	A-	3.70
9	Production Technology (1)	4	A	A	4.00
10	Mathematics (2)	6	A	A	4.00
11	Physics (2)	6	A	A	4.00
12	Civil Engineering Drawings	4	A	A	4.00
13	Strength and Technology of Materials (1)	6	A-	A-	3.70
14	Applied Statistics	4	A	A	4.00
15	Mechanics (2)	6	A	A	4.00
16	Structural Analysis (1)	4	A	A	4.00
17	Planimetric Surveying	4	A	A	4.00
18	Engineer and Environment	2	B	B	3.00
19	Structural Analysis and Mechanics (1)	4	A	A	4.00
20	Fluid Mechanics	8	A	A	4.00
21	Electrical Installation	4	A-	A-	3.70
22	Reinforced Concrete (1)	5	A-	A-	3.70
23	Project Management	4	A	A	4.00
24	Building Construction	4	A	A	4.00
25	Strength and Technology of Materials (2)	6	A-	A-	3.70
26	Geoinformatics	6	A-	A-	3.70
27	Engineering Geology	4	A-	A-	3.70
28	Irrigation and Drainage Engineering	4	A	A	4.00
29	Engineering Economics	3	A-	A-	3.70

29	Engineering Economics	3	A-	Delete
30	Structural Analysis and M	4	A	Delete
31	Metallic Structures (1)	4	A	Delete
32	Transport Planning and Tr	6	A	Delete
33	Design of Irrigation Works	6	A	Delete
34	Elective (1)	4	A	Delete
35	Reinforced Concrete (2)	4	B	Delete
36	Hydraulics Engineering	8	A	Delete
37	Professional Skills and Et	4	B	Delete
38	Soil Mechanics	8	A	Delete
39	Reinforced Concrete (3)	4	A	Delete
40	Highway Engineering (1)	6	A	Delete
41	Environmental and Sanitar	6	A	Delete
42	Metallic Bridges	4	B	Delete
43	Railway Engineering (1)	5	A-	Delete
44	Elective (3)	4	A	Delete
45	Design of Irrigation Works	4	A	Delete
46	Foundations	8	A	Delete
47	Quantity Surveying	4	A-	Delete
48	Harbour and Coastal Eng.	5	A	Delete
49	Elective (2)	4	A	Delete
50	Project	2	A	Delete

Number of rows to add: Add

Calculate GPA

University Level Scale B Grading Scale:

[See U.S. Grade Conversion Scale](#)

Grade	Scale	Description
A	85 - 100	ممتاز (Excellent)
A-	80 - 84.99	جيد جداً (Very good)
B	65 - 79.99	جيد (Good)
C	50 - 64.99	مقبول (Acceptable)
D	30 - 49.99	ضعيف (Weak)
F	0 - 29.99	ضعيف جداً (Very weak)

GPA Calculator

29	Engineering Economics	3	A-	A-	3.70
30	Structural Analysis and Mechanics (2)	4	A	A	4.00
31	Metallic Structures (1)	4	A	A	4.00
32	Transport Planning and Traffic Eng.	6	A	A	4.00
33	Design of Irrigation Works (1)	6	A	A	4.00
34	Elective (1)	4	A	A	4.00
35	Reinforced Concrete (2)	4	B	B	3.00
36	Hydraulics Engineering	8	A	A	4.00
37	Professional Skills and Ethics	4	B	B	3.00
38	Soil Mechanics	8	A	A	4.00
39	Reinforced Concrete (3)	4	A	A	4.00
40	Highway Engineering (1)	6	A	A	4.00
41	Environmental and Sanitary Eng. (1)	6	A	A	4.00
42	Metallic Bridges	4	B	B	3.00
43	Railway Engineering (1)	5	A-	A-	3.70
44	Elective (3)	4	A	A	4.00
45	Design of Irrigation Works (2)	4	A	A	4.00
46	Foundations	8	A	A	4.00
47	Quantity Surveying	4	A-	A-	3.70
48	Harbour and Coastal Eng.	5	A	A	4.00
49	Elective (2)	4	A	A	4.00
50	Project	2	A	A	4.00

Cumulative GPA: 3.87

How is GPA calculated?

1) First, the grades are converted to the U.S. equivalent for countries other than the U.S.

Chinese Grade	U.S. Grade
90	A
85	A-
80	B

2) The GPA converter converts each U.S. grade equivalent to points using the following scale:

U.S. Grade	Points	U.S. Grade	Points	U.S. Grade	Points	U.S. Grade	Points	U.S. Grade	Points
A+	4.0	B+	3.3	C+	2.3	D+	1.3	F	0.0
A	4.0	B	3.0	C	2.0	D	1.0	-	
A-	3.7	B-	2.7	C-	1.7	D-	0.7	-	

3) The points for each class are multiplied by the number of credits or hours for that class, added together, and divided by the total number of credits or hours.

Credits	U.S. Grade	Points	Total Points		12.0 + 11.1 + 6.0 = 29.1	
3	A	4.0	3 x 4.0 =	12.0	divide by	
3	A-	3.7	3 x 3.7 =	11.1	3 + 3 + 2 =	8
2	B	3.0	2 x 3.0 =	6.0	Cumulative GPA =	3.64

Other Conversion Scales

The scale above is the most common GPA conversion scale used by high schools and universities in the United States. Some universities use .67 and .33 steps for more precision, but this difference does not significantly affect the resulting GPA. A few schools use .5 steps. For example, both A- and B+ are converted to 3.5. This type of conversion is less accurate because A- and B+ are rarely considered the same grade. A+ is sometimes converted to 4.3 (or 4.33) points, but many universities do not have an A+.

It is also common for high schools to give an extra point for AP (Advanced Placement) classes, so the GPA can be as high as 5.0. However, this GPA is known as a weighted GPA. An unweighted GPA is still calculated out of 4 points and is indicated on the transcript next to the weighted GPA.

Is D a passing grade in the U.S.?

D is a passing grade in most public schools (primary and secondary schools) in the U.S., but usually not in college. College courses with a grade of D cannot be transferred, but can be re-taken. Most high schools require a minimum 1.0 GPA to graduate. Most undergraduate programs require a minimum 2.0 GPA. Most graduate programs require 3.0 or above.

About the GPA Calculator

Foreign Credits' GPA calculator analyses about 300 grading scales from over 150 countries and calculates an unweighted GPA on a 4.0 point scale.

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Registration Number: 0000000019635645

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Security Information

Type: Passport

Country: Egypt

ID: A05810101

Abdelrahman Fouad Faye

6 october city, 8th district, street 10, bldg 103

6 october city, 8th district

Egypt

abdo_320_fouad@yahoo.com

(20) 01002273427

ETS ID: 9082969

Test	Test Date	Reading	Listening	Speaking	Writing	Total
TELXML	Fri Sep 13 10:27:36 EDT 2013	25	26	22	24	97

[How to interpret scores](#)

Reading Skills	Level	Your Performance
Reading	High(22-30)	<p>Test takers who receive a score at the HIGH level, as you did, typically understand academic texts in English that require a wide range of reading abilities regardless of the difficulty of the texts.</p> <p>Test takers who score at the HIGH level, typically</p> <ul style="list-style-type: none"> • have a very good command of academic vocabulary and grammatical structure; • can understand and connect information, make appropriate inferences, and synthesize ideas, even when the text is conceptually dense and the language is complex; • can recognize the expository organization of a text and the role that specific information serves within the larger text, even when the text is conceptually dense; and • can abstract major ideas from a text, even when the text is conceptually dense and contains complex language.
Listening Skills	Level	Your Performance
Listening	High(22-30)	<p>Test takers who receive a score at the HIGH level, as you did, typically understand conversations and lectures in English that present a wide range of listening demands. These demands can include difficult vocabulary (uncommon terms, or colloquial or figurative language), complex grammatical structures, abstract or complex ideas, and/or making sense of unexpected or seemingly contradictory information.</p> <p>When listening to lectures and conversations like these, test takers at the HIGH level typically can</p> <ul style="list-style-type: none"> • understand main ideas and important details, whether they are stated or implied; • distinguish more important ideas from less important ones; • understand how information is being used (for example, to provide evidence for a claim or describe a step in a complex process).



GRE[®] Examinee Score Report

Note: This report is not valid for transmission of scores to an institution.

All dates are formatted as MM/DD/YYYY.

Print Date: 11/08/2013

Examinee Information

Print

Name:	AbdelRahman F Fayez
Address:	8th district, zone 3, bldg 103 SIXTH OF OCTOBER, 00000 Egypt
Email Address:	abdo_320_fouad@yahoo.com
Phone Number:	01002273427
Date of Birth:	02/17/1991
Social Security Number:	
Gender:	Male
Intended Graduate Major Code:	1106
Intended Graduate Major:	Engineering -- Civil - Structural Engineering
Most Recent Test Date:	10/07/2013
Registration Number:	5189160

General Test Scores

Test Date	Verbal Reasoning*				Quantitative Reasoning*				Analytical Writing	
	Prior Format		Current Format		Prior Format		Current Format			
	Scaled Score	Estimated Current Score	Scaled Score	% Below	Scaled Score	Estimated Current Score	Scaled Score	% Below	Score	% Below
10/07/2013			143	18			164	89	2.0	02

NS — No Score. Indicates that no questions were answered.

Only reported score will be available for display.

* The GRE Verbal Reasoning and Quantitative Reasoning score scales changed in August 2011. For tests taken August 2011 or later, scores are printed in the "Current Format" columns. For tests taken before August 2011, scores on the prior scales and the corresponding estimated scores on the current scales are printed in the "Prior Format" columns.

Subject Test Scores

Test Date	Test Name / Subscore Name	Scaled Score	% Below
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Score Recipient(s)

Your score reporting history is shown below. "Pending" indicates your scores are not yet available, or your order has not yet been processed.

Undergraduate Institution				
Report Date	Institution (Code)	Department (Code)	Test Type	Test Date

Score Recipient(s)
