



WELCOME **AETIANS**

Architectural **E**ngineering & **T**echnology

uia 

Study Programme BSc
Architectural Engineering and
Technology (AET)
is revalidated by
UNESCO-UIA for FIVE YEARS
20**19**-20**24**



CHS PROGRAMS, CUFE

CHS AUTONOMOUS PROGRAMS

SELF FINANCING



SUSTAINABILITY
 CONTINUOUS DEVELOPMENT
 QUALITY MAINTAINED

NEW CHS PROGRAMS

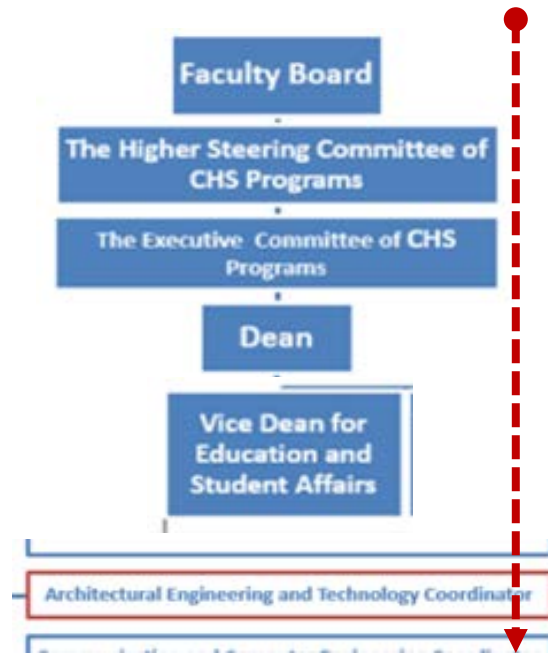


NO DUPLICATION
 INTERDISCIPLINARY
 SPECIALIZED

AUTONOMY OF PROGRAMS



NEW/FLEXIBLE
 INDEPENDENT
 PART OF THE WHOLE



**ADMINISTRATIVELY INDEPENDENT YET
 ACADEMICALLY SUPPORTED BY THE SCIENTIFIC DEPARTMENT**

SPECIALIZATION OF THE PROGRAM

WHY?

**ARCHITECTURAL
STUDIES**

**BUILDING
TECHNOLOGY**

**ENVIRONMENTAL
STUDIES**

URBAN DESIGN

URBAN PLANNING



DAE

**MULTI-
DISCIPLINARY
ARCHITECT**

*URBAN DESIGN &
URBAN
PLANNING*

AET

**SPECIALIZED
[WORLD
DEMAND]**

**BUILDING
TECHNOLOGY &
ENVIRONMENTAL
STUDIES**

AET PROGRAM, CUFE

**FACULTY
VISION & MISSION
Program**

V is leadership in the architecture and building technology education to achieve excellence and development of sustainable community and built up environments.

M is to pursue architecture as a humanistic and professional discipline, which synthesizes Art, Engineering Sciences and Technology through intellectual rigor, aesthetic judgment, and technical understanding.

**AET
MAIN
EDUCATIONAL
OBJECTIVES**

**ARCHITECTURE ENGINEERING
AND TECHNOLOGY**

The program achieves its mission via

- Teaching
- Scholarship
- Creative work
- Research
- Service
- Commits itself to the highest ideals of the profession and culture of architecture.



WHY AET?

PROFESSION PARADIGM CHANGE

The Goal is to:
Train the students to examine
the **art of architecture** and the **science and technology of engineering**
within a multidisciplinary field that integrates
architecture, engineering, technology, environmental studies and
management of people and physical resources.



Architect vs. Building Industry Specialist?

PROFESSION PARADIGM CHANGE



Building Industry
Specialists

CAREERS IN BUILDING



PROFESSION PARADIGM CHANGE

DEVELOPMENT
COMPANIES

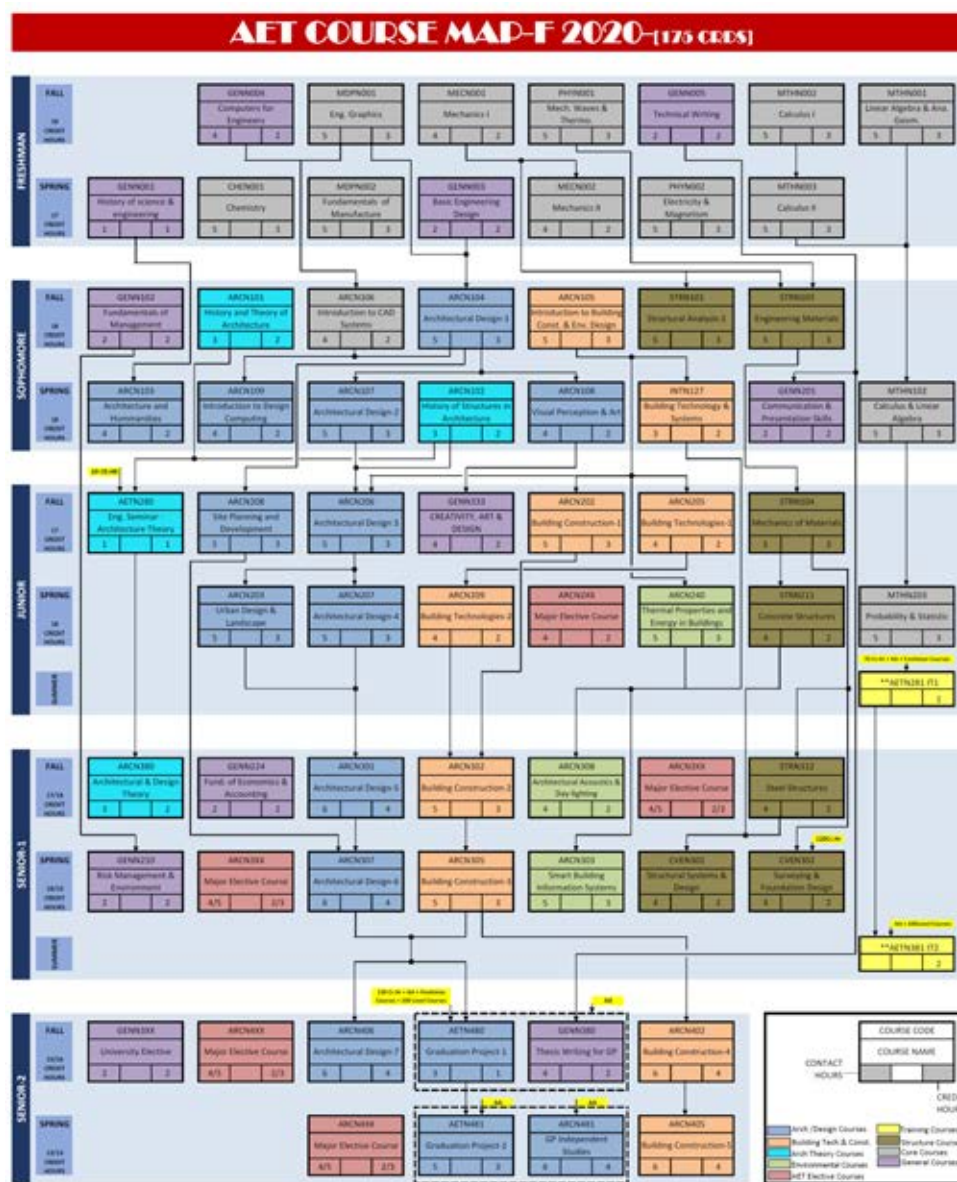
CONTRACTING
COMPANIES

BUILDING
MATERIAL
INDUSTRY

ENGINEERING
FIRMS



AET's 175 Credits Course Map Since Fall 2018



AET F2020

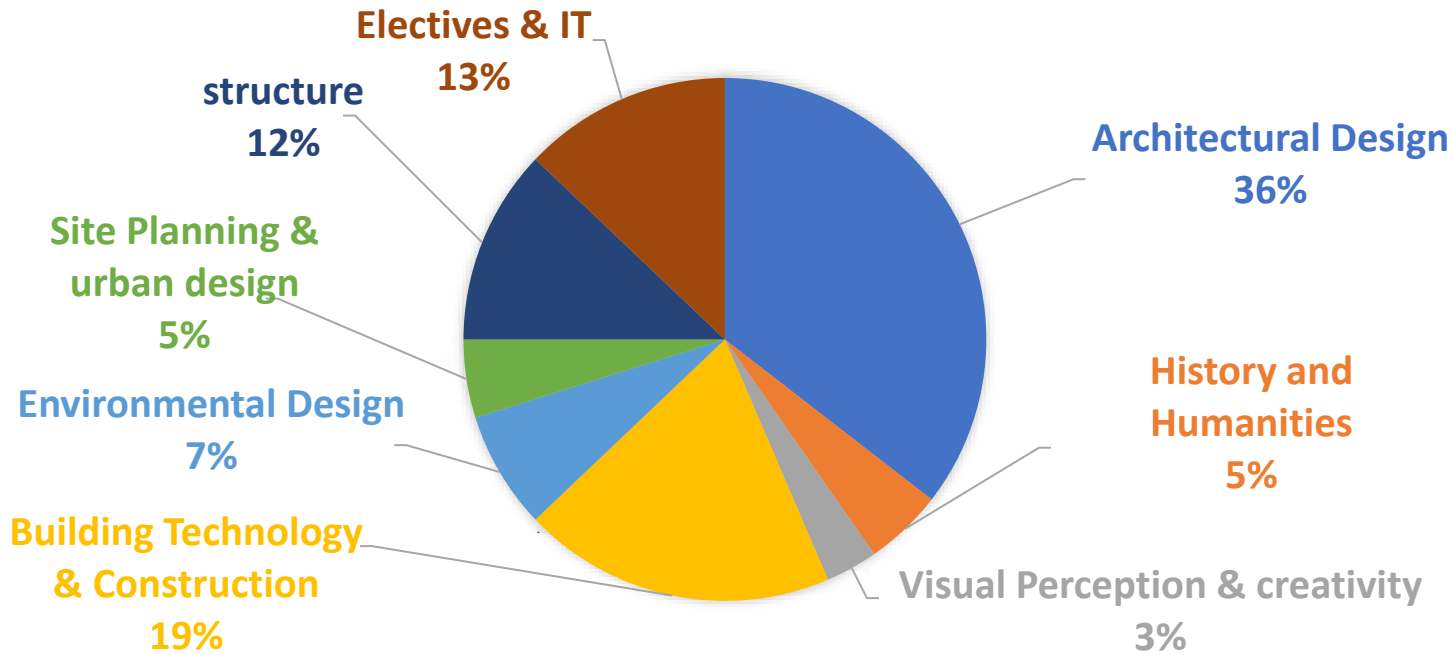
Study Map

UPDATED 30/9/2020



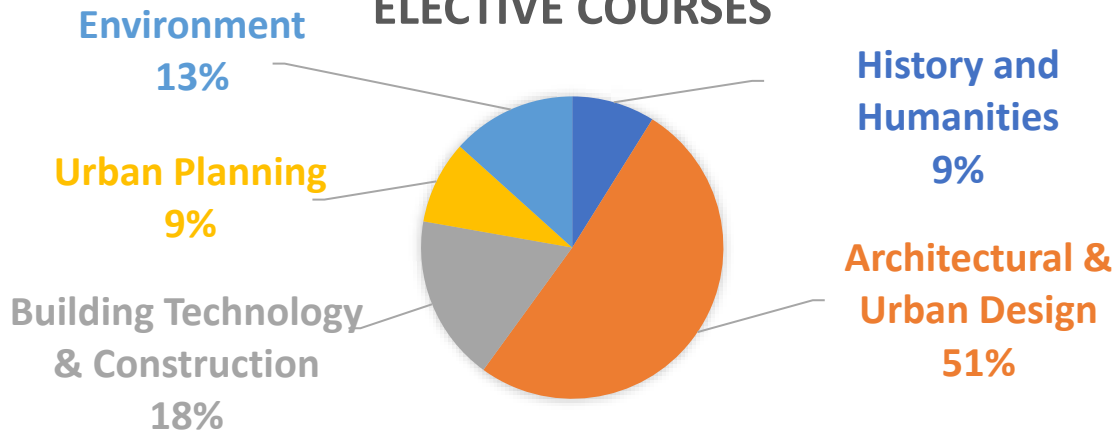
PROGRAM STRUCTURE

SPECIALITY CATEGORIES



**ALL COURSES
ARE ON A BASE
OF:**

ELECTIVE COURSES



**ELECTIVE
COURSES
IN AET**

**60 SEMESTER'S
WORK/**

**40
FINAL EXAM**

QUALITY ASSURANCE PROCEDURES

FIRST
GRADUATING
CLASS

2009

- **REVIEW REPORT**

2011- DEVELOPMENT & DOCUMENTATION

2013

- **QUALITY ASSURANCE VISIT**

2014

- **EXTERNAL REVIEWER VISIT**

2014

- **INTERNAL AUDIT**

- Prof. Moemen Afify/ Prof. Heba Mourad/ Prof. Mohamed Naiem

APPROVED

2014

- **OCTOBER 2014- UIA PRELIMINARY VISIT**

ENCOURAGING REPORT

2015

- **DECEMBER 2015-CUFE QUALITY ASSURANCE VISIT- NAQQA ACCREDITED**

ACCREDITED

2016

- **FEBRUARY 2016- UIA FINAL REPORT VISIT- FULL ACCREDITATION FOR 3 YEARS**

EXTERNAL REVIEWER REPORT

2017

- **MONITORING SUBGROUP- POSITIVE REPORT**

POSITIVE REVIEWER REPORT

2018

- **ACTION PLAN TOWARDS UIA REVALIDATION VISIT OCTOBER 2019**

EXTERNAL REVIEWER REPORT

2019

- **UIA OCTOBER 2019 VISIT AND REVALIDATION**
- **NAQQA ACCREDETATION VISIT & ACCREDITATION**





Faculty of Engineering
Cairo University



Study Programme BSc
Architectural Engineering and
Technology (AET)
is recognised by
UNESCO-UIA for THREE years



is validated by
UNESCO-UIA for FIVE YEARS
2019-2024



UIA Validation Council for Architectural Education held in Paris on Thursday 17 March 2016, agreed that the full report group report was accepted by the VCAE, and that the:

AET programme is thus recognised by UNESCO-UIA for 3 years from the date of the report group visit.





AET SCIENTIFIC CONFERENCE

Fall 2018



THINKING GLOBAL
ACTING LOCAL



PARTICIPANTS

- AET Students & Alumni
- Staff Members & TA's
- AET Coordination Team

AGENDA

- Orientation
 - Registration and Students' Schedule
- Feedback of Students on AET Performance
- Instructors Word and Comments

Note

- All levels should attend to share their comments feedback

Date & Time

Monday
3rd of December 2018
From 2:00 pm
Till 3:30 pm

Location

20407A

AET GET TOGETHER
**Join... share...
express yourself**



AET SCIENTIFIC CONFERENCE

Fall 2019



PARTICIPANTS

- AET Students & Alumni
- Staff Members & TA's
- AET Coordination Team

AGENDA

- Orientation
 - Registration and Students' Schedule
- Feedback of Students on AET Performance
- Instructors Word and Comments

Note

- All levels should attend to share their comments feedback

Date & Time

Wednesday
11th of December
2019
From 1:00 pm
Till 2:00 pm

Location

20307A

ACTING LOCAL
THINKING GLOBAL



AET GET TOGETHER ONLINE MEETINGS

AET RE'VIEW 2018

AET RE-VIEW DAY S'013,015&018

A gathering of all AET stakeholders to share and participate in the enhancement of the program

INTRODUCING AET - PROGRAM,
STUDENTS, STAFF, FACILITIES & ACTIVITIES
LATEST DEVELOPMENTS



PARTICIPANTS

Students, Parents, Alumni, Staff members & Stakeholders, RET IT Advisory Board.

OUR AIM

- *Communicate and exchange your opinions with staff members and the CHS administration.
- *Know what stakeholders need from you.
- *Share your experience in RET.
- *Develop your educational system.
- *Suggest ideas for RET development.

Sunday
1ST of April
2018

Venue:
Faculty of Engineering,
Cairo University
Faculty Club

5:30 - 8:00 pm



The BSc in Architectural Engineering & Technology-AET (5 years Full Time) is recommended to the **UIA Validation Council for Architectural Education for **full validation for FIVE years, without conditions.****

Congratulations on achieving UNESCO-UIA recognition & revalidation of the AET programme



UNESCO-UIA VALIDATION

VALIDATION OF ARCH. EDUCATION PROGRAMMES

The UNESCO-UIA Validation System is managed by RIBA "Royal Institute for British Architects."



BENEFITS OF VALIDATION

Since 2008, the Royal Institute of British Architects [RIBA] announced it has been appointed to manage this UIA-UNESCO validation system, for UIA.

Once validated, schools will be recognized by both UIA-UNESCO and the RIBA.⁽⁵⁾

Holding a recognized degree will allow you to:⁽⁶⁾

- Practise as an architect in any place all over the world.
- Consider & check that any degree or course you are offered is recognised in any place all over the world.
- Continuing professional development.
- Enhancing working life.
- Promoting travel.
- Better job opportunities.
- Increasing salary levels.

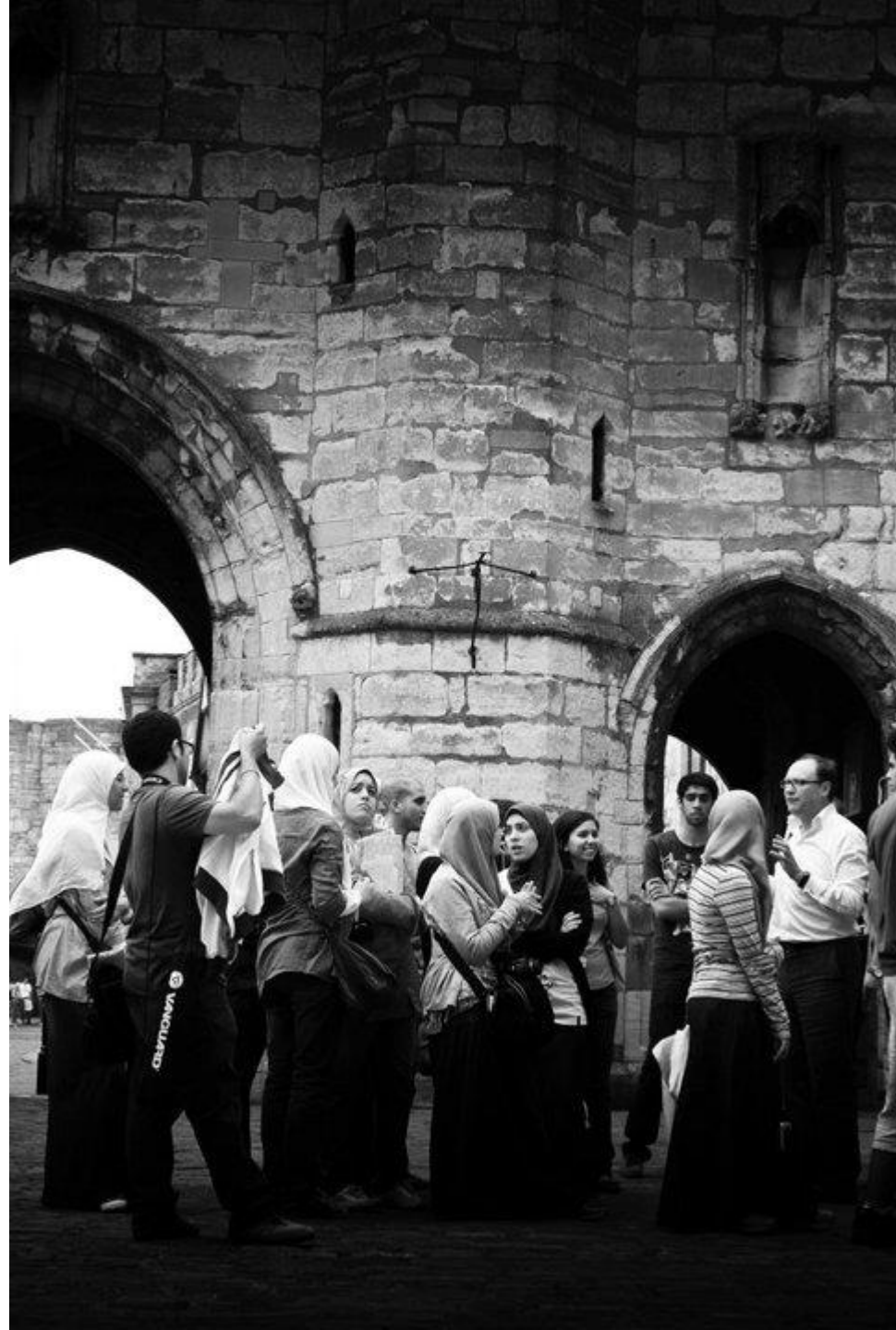
IMPORTANT

(5) <http://www.architecture.com/RIBA/Contactus/NewsAndPress/News/RIBANews/News/2008/RIBA-ToValidateUIASystem.aspx>

(6) Wahba, S. (2009). THROUGH THE SEVEN SKIES: ACCREDITATION OF SCHOOLS OF ARCHITECTURE, TOWARDS A NEW ARCHITECTURAL VISION, NEW GLASSES: PRESENTATION AND REPRESENTATION, 5th international conference, Dept. of Arch., Cairo University, Egypt.

SOP-Aim

1. Cultural exposure
2. Architectural Scientific exchange
3. Life travelling experiences
4. Communication skills



AET-SUMMER OUTREACH PROGRAM SOP

2010

- UC Berkeley, USA. 22nd of June 23rd of July



2011

- St. John International University, Turin Italy.



2011

- University of Lincoln Faculty of Arts and Architecture, UK

2012

- University of Lincoln Faculty of Arts and Architecture UK. 8th - 22nd July



2014

- **2013- JUNIOR GAP YEAR**
- Welsh School of Architecture, Cardiff University UK. August 2nd



2015

- **BAUHAUS & VENICE BIENNALE + MED GREEN FORUM.** August 2015

2016

- University of Lincoln Faculty of Arts and Architecture, UK

2017

BAUHAUS-GERMANY

2018

ITALY- LA BIENNALE DI VENEZIA



AET students – LINCOLN- UK – Summer 2016



AET-SUMMER OUTREACH PROGRAM SOP

SOP 2022, LONDON, Kingston

School of Art, Knights Park



Net Zero Carbon: Architecture and Landscape for Climate Emergency Summer School 17th - 31st July 2022
A 2-week comprehensive summer programme of interactive lectures, field trips, and projects in response to the global climate emergency at Kingston School of Art, London.

Kingston University Tern House, winner of the RIBA Stirling Prize 2022

For more information please visit:
kingston.ac.uk/learn-centre/
or @ksoashortcourses




STUDENT UNION OF AET- SUAET



AET
2015

Mission statement :

We are a group of dedicated students from you and chosen by you , serving one goal ; helping you and making your college life easier

S.U.A.E.T Agents at your service



su_aet@hotmail.com



SUAET

SUAET



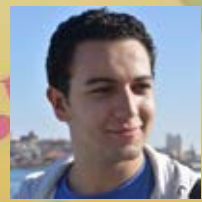
SUAET 2021/2022



Assmaa
Essam

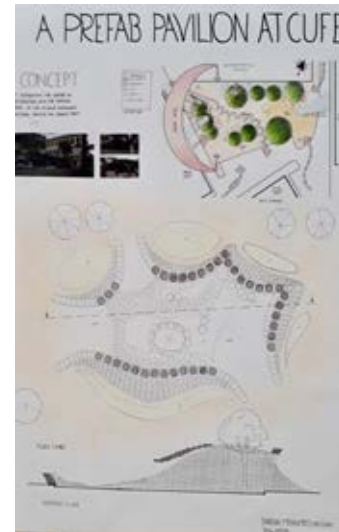


Menan
Shehata

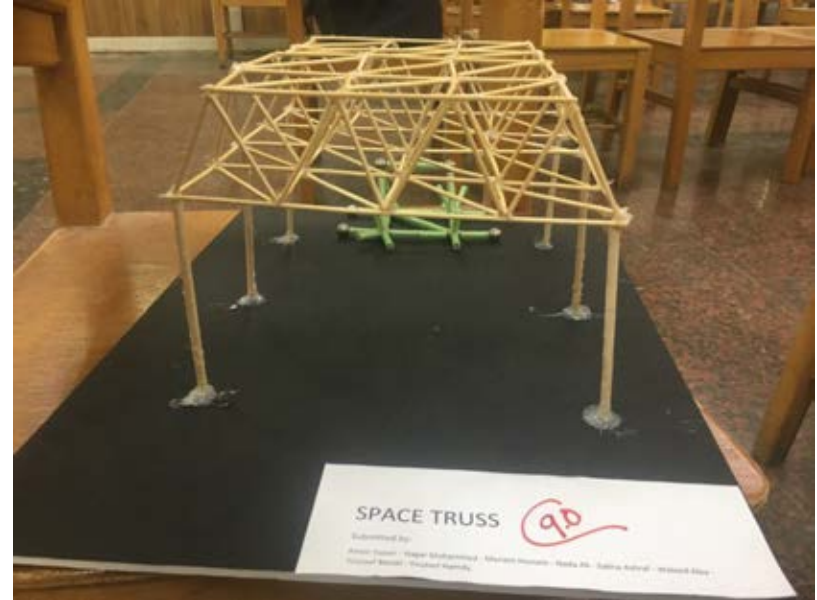
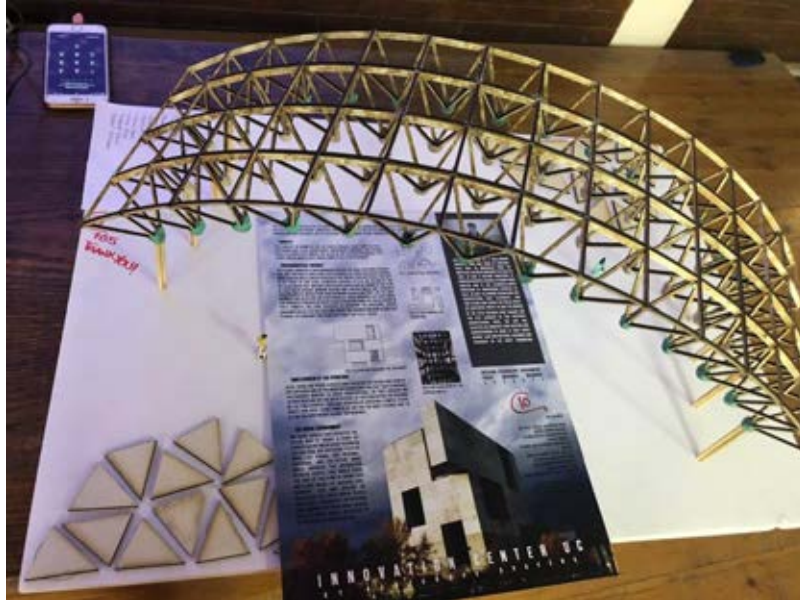


STUDENTS WORK

ARCN 104: Architectural Design Skills



Building Technology & Systems - INTN127 Spring 2019



PHYSICAL RESOURCES

FACILITIES



COMPUTER LABS



ARCH LIBRARY



CLASSES



MODEL MAKING WORKSHOP



QA UNIT & STORAGE AREA



CHS BLDG

**OTHERS:
CIVIL & ADMIN**

ARCH BLDG

ACTIVITIES BLDG



STUDIOS IN 20000/CHS BLDG.



STUDIO 1: SIMPLE RECTILINEAR - ONLY HORIZONTAL

CHARACTERISTICS

Direction: Quick	Form: Linear	Decorative: Horizontal Stripes	Formal: Vertical Lines
------------------	--------------	--------------------------------	------------------------

STUDIO 2: SIMPLE RECTILINEAR & PRIMARY COLORS

Primary Colors: Red, Yellow and Blue
In traditional color theory, there is primary colors, primary colors are the 3 primary colors that can not be mixed or formed by any combination of other colors. All other colors are made by mixing these 3 colors.

STUDIO 3: RECTILINEAR & SECONDARY COLORS

Secondary Colors: Orange, Green, Purple
Secondary colors are the colors that are formed by mixing the primary colors. A color produced by a 50-50 mix of two primary colors is called a secondary color.

STUDIO 4: POLYCHROMATIC & 70S COLOR PALETTE

Polychromatic is a color palette that uses a wide range of colors. The 70s color palette is a color palette that uses a wide range of colors.

STUDIO 5: IRREGULAR GRID / DECONSTRUCTION

Irregular Grid / Deconstruction: Verses Subtle Neutral Colors to create ultimate contrast.

SOPHOMORE STUDIO



JUNIOR STUDIO



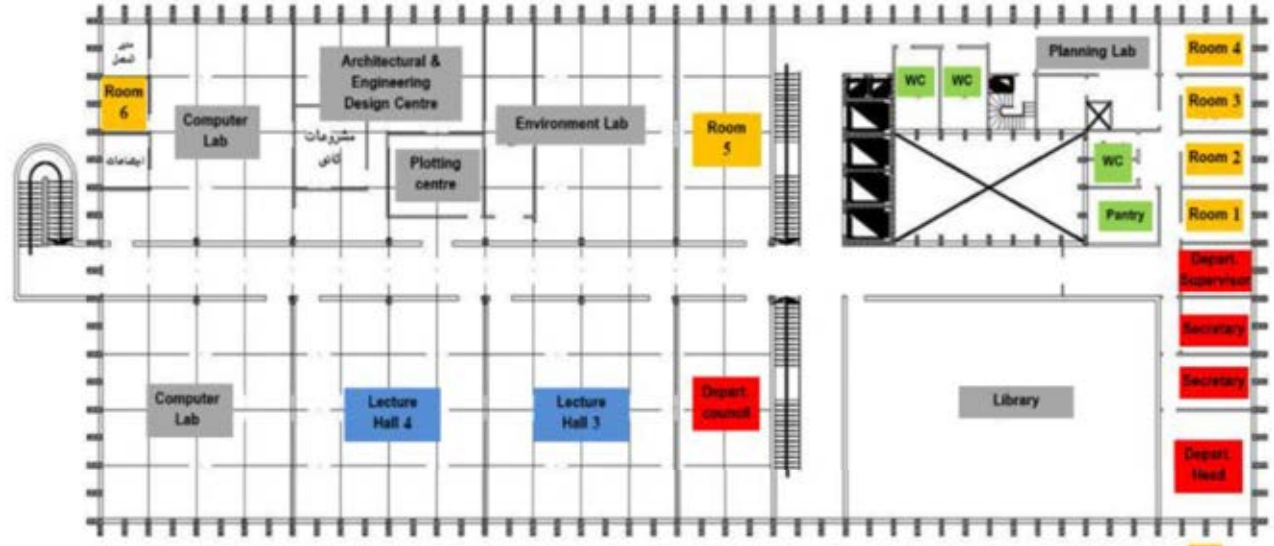
SENIOR 1 STUDIO



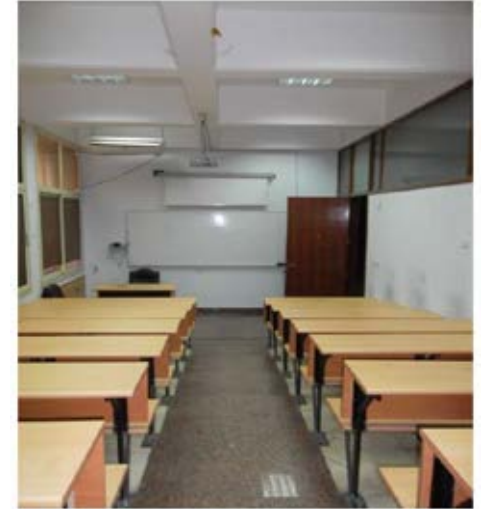
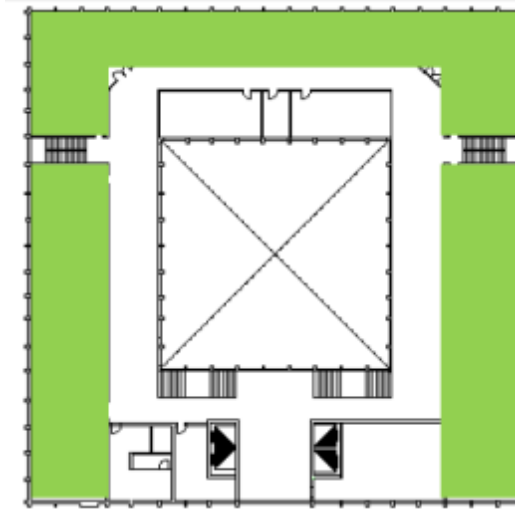
SENIOR 2 STUDIO



LIBRARY & COMPUTER LABS ARCH. BUILD. 5TH FLOOR



NEW LECTURE HALLS BUILDING 20000, 5TH FLOOR



ACTIVITIES

EXTRA CURRICULAR ACTIVITIES

PUBLIC LECTURES

AET
 20
 17

uia

A Methodological approach to architectural design
 Applications on MUSEUMS

A sustainable museum journey
 Arch. Hamdy El-Setouhy

Hall 20307B
 Monday 23 Oct. 2017 | 6:00 pm

domus

**DESIGN AND ARCH:
 A NEW PROPOSITION
 BY DOMUS**

LECTURER: WALTER MARIOTTI
 DOMUS MAGAZINE EDITORIAL DIRECTOR

*TO INVESTIGATE THE DEBATE
 ABOUT DESIGN & ARCHITECTURE
 IN OUR SOCIETY AND THE ROLE OF
 DOMUS TO FULFILL THE NEW CHALLENGE*

FEBRUARY 05, 2018
 14:30 TO 16:00

FACULTY OF ENGINEERING
 3000 BUILDING, 5TH FLOOR
 THE RED ROOM

**OPEN LECTURE FOR FACULTY MEMBERS
 AND STUDENTS OF ARCHITECTURE**

EXTRA CURRICULAR ACTIVITIES

GUEST LECTURES

Cairo University-
Faculty of Engineering
Architectural Engineering & Technology AET



جامعة القاهرة
كلية الهندسة
برنامج هندسة وتكنولوجيا العمارة

افريقيا التي لا نعرفها

بالتعاون مع كلية الدراسات الأفريقية العليا
معهد البحوث والدراسات الأفريقية سابقا

AFRICA THAT WE DONT KNOW

محاضرة عامة (2) ضمن مقر نظريات العمارة المعاصرة
كلية الهندسة- جامعة القاهرة- مبنى اعدادى 20502
الأربعاء 20 مارس 2019
10:00 - 1:00 شهرا



Lycée Schorge Secondary School, Diébédou Francis Kéré, Burkina Faso, 2016
<http://www.kere-architecture.com>

د. وائل متولي مدرس مساعد الجغر لها - كلية الدراسات الأفريقية العليا- جامعة القاهرة	المدينة الإفريقية بين التراث الأصيل والقادم الأوروبي الدخيل	10:00 10:25
د. سحر إبراهيم مدرس الأثر ويولوجيا - كلية الدراسات الأفريقية العليا- جامعة القاهرة	الثقافة الإفريقية.. رؤية أنثروبولوجية	10:30 10:55
	منشأة	11:00 11:25
د. سماح المرسي استاذ الاقتصاد المساعد - كلية الدراسات الأفريقية العليا- جامعة القاهرة	أفريقيا وتحقيق أهداف التنمية المستدامة	11:30 11:55
حامد المسلمي بمخت تكتور ادهطوم مسيانية-كلية الدراسات الأفريقية العليا- جامعة القاهرة	موريشيوس.. نموذج أفريقي واعد	12:00 12:25
	منشأة	12:30 1:00

Cairo University
Faculty of Engineering
Architectural Engineering & Technology AET



جامعة القاهرة
كلية الهندسة
برنامج هندسة وتكنولوجيا العمارة

اطلالة على عمارة مسجد باصونة

وصل الست عمارة الإسلام.. محادثة

A GLIMPSE OF BASOUNA ARCHITECTURE

المعماري وليد عرفة

محاضرة عامة (1) ضمن مقر العمارة المعاصرة
كلية الهندسة- جامعة القاهرة- مبنى اعدادى 20502
الأربعاء 13 مارس 2019
11:00 - 1:00 شهرا



Dar Arafa Architecture

جامع باصونة هو جامع آل أبو ستيت "باصونه" بسوهاج، تم ترشيحه لجائزة عبداللطيف الفوزان لعمارة المساجد في 2019 وهو ضمن القائمة القصيرة للجائزة. من خلال الاطلالة على جامع باصونة، تطرح المحاضرة عددا من التساؤلات حول العمارة المصرية وعلاقتها بالمذاهب والمدارس العالمية في العمارة. ما هي علاقتها اليوم بما سبقها من تجلياتها التاريخية من المصرية القديمة والقبطية والإسلامية بمراحلها المختلفة وتأثيرها بروافد اغريقية ورومانية وكذلك دوائر انتمائها العربية والإفريقية والمتوسطة؟ وهل هناك خيط ناظم لتلك جميعا يصل الماضي بالحاضر بالمستقبل؟

وليد عرفة معماري مصري، وهو مؤسس دار عرفة للعمارة، تخرج من قسم العمارة والتخطيط العمراني بكلية الهندسة جامعة عين شمس في 2001، ثم حصل على شهادة الدراسات العليا في الحفاظ على المباني التاريخية في 2015 من مدرسة العمارة الشهيرة بالنسبة للـ AIA وكان بحثه بعنوان "المسجد في بورتوفيا: تراث بورتوفيا". تلت ذلك على عدد من الأبحاث مثل المعماري المصري العالمي طارق لؤلؤها في العمارة والديان المنكودي العالمي د. أحمد مسطفي في فون الإسلام كما تلت ذلك فكريا وملهجيا على منفي الديار المصرية السابق التمتع على جمعة والمحنت المتفن أسامة الأزهرى.

EXTRA CURRICULAR ACTIVITIES

GUEST LECTURES



An Architectural talk: How to present, defend, and sell your project successfully.
 Online Zoom talk, Friday 26th June 2020
 8:00 PM (EET) Egypt time, 9:00 PM Jordan time.

Muhammad Mahmoud Ibrahim El Hadidi Youssef Kameel Mahmoud Amr Aul Ahmed Sherif Soliman Ibrahim Al Hajjar

30 NOVEMBER 2021 TUESDAY
1:00 - 2:30 PM

THE PROFESSION OF LANDSCAPE ARCHITECTURE

ORGANIZED BY:
 ARCHITECTURE ENGINEERING & TECHNOLOGY PROGRAM
 FACULTY OF ENGINEERING
 CAIRO UNIVERSITY

VENUE:

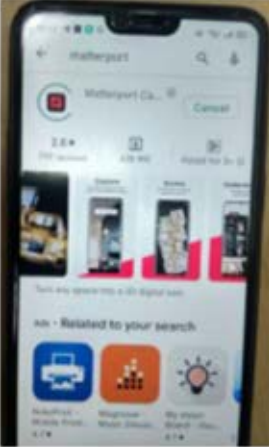
A LECTURE BY
YAZAN K. MAHADIN
 ARCHITECT, LANDSCAPE ARCHITECT
 MK ASSOCIATES

EXTRA CURRICULAR ACTIVITIES

GUEST LECTURES & FIELD TRIPS



Extra shots taken during the Field Trip



EXTRA CURRICULAR ACTIVITIES

GUEST LECTURES

Future Architect's Role
Arch. Hamdy EL-Setouhy

LEARNING GENERATION 1

HALL 20501 Sunday 14 oct. 2018, 3:00 pm

Consultant Architect
Maged Samy Ibrahim



- Bachelor of Science in Architecture
Faculty of engineering – Cairo University
1980
- Master of Science in Architecture
University of Arizona
1991
- Member of Architecture Council Division - Egyptian Syndicate of Engineers
- Member of board in the Society of Egyptian Architects
- Member of the syndicate supreme council
- Member of the supreme Consulting Engineering committee
- Lecturer in The Arab Academy for Science Technology and Maritime transport
- Lecturer in MSA university

6.00 PM – 8.00 PM
Monday, 6th November 2017

CAIRO UNIVERSITY
Faculty of Engineering
Architecture and
Engineering Technology
(AET)

Preparatory Building
(Giza Campus)
20307 B

**The Egyptian Engineering
Syndicate**
"Your career and professional
path"



WHAT NO BODY TOLD ME IN ARCHITECTURE SCHOOL

ARCHITECT
NANCY HOSNY EL-HADEDY

- Graduated from Ain-shams University, Faculty of Engineering, department of architectural design 1998
- MSc. in Architectural Studies, Faculty of Engineering, Cairo University, 2015
- Currently a PhD student, Faculty of Engineering, Cairo University
- The owner and managing director of NH Design Studio for architecture and interior design
- A teaching assistant at the AUC, department of architecture
- A managing partner in RAM Contracting
- Previously, a product/project manager at YAT learning solutions. for engineering and multimedia products.

3.00 PM – 5.00 PM
Sunday, 11th November 2018

CAIRO UNIVERSITY
Faculty of Engineering
Architecture and
Engineering Technology
(AET)

Preparatory Building
(Giza Campus)
20501

**Next Architecture?
To dwell like a
Citizen, To build like
a Nation**

Momen El-Husseiny

Momen El-Husseiny is an assistant professor of Architecture and Urban Design at the American University in Cairo. He is a licensed architect collaborating in the design of several international projects and competitions in the Middle East including the AUC-new campus (2003-2007), the Performance and Visual Arts building (PVA). He is also a trained ethnographer with a Ph.D. from the University of California, Berkeley with a Designated Emphasis in Global Metropolitan Studies and minor in Anthropology. He taught at UC Berkeley, Academy of Arts in San Francisco, and the Arab Academy of Science, Technology and Maritime Transport. He has also taught at Cairo University from 2015 - 2017 as a full-time faculty-before moving to the AUC. He has been invited for talks at Harvard, Stanford, and the Society of Architectural Historians at the University of Buffalo, NY.

3.00 PM – 5.00 PM
Sunday, 9th December 2018

CAIRO UNIVERSITY
Faculty of Engineering
Architecture and
Engineering Technology
(AET)

Preparatory Building
(Giza Campus)
20501

EXTRA CURRICULAR ACTIVITIES

SITE VISITS

AET EXCURSIONS – Exploring Egypt, 2018-2019

Educational Trip to

PortSaid & PortFouad

26th of October, 2018

Guided By:

Dr. Mohamed Mahmoud & Dr. Tamer EL-Serafi



Program:

Meeting: 7:00 AM @ Main Gate of Faculty of Engineering, CU

- 07:30 AM: Buses move
- 10:45 AM: Arrival at Ferry to Port Fouad
- 11:00 AM to 12:00 PM: City walk at Portfouad
- 12:00 PM to 12:45 PM: El Goumaa Prayer
- 01:00 PM to 01:15 PM: Ferry to PortSaid
- 01:15 PM to 03:00 PM: City walk at PortSaid
- 03:00 PM to 04:30 PM: Lunch
- 04:30 PM to 06:30 PM: Free Tour
- 06:30 PM: Meeting for departure
- 09:30 PM: Arrival at Cairo



Educational Trip - Alexandria 3rd May 2019

Guided by: Dr.Mohamed Mahmoud



Meeting Point : Infront of the main gate of Cufe
Meeting Time : 6:30 AM

Trip Schedule:

- 6:30 am Meeting at CUF Main Gate
- 7:00 am to 10:30 am Busses move to alex
- 10:30 am to 1:00 pm Breakfast and Prayer
- 1:00 pm to 1:30 pm Busses move to Alexandria Library
- 1:30 pm to 3:30 pm Alexandria Library Visit
- 3:30 pm to 6:00 pm Free Tour
- 6:00 pm to 9:30 pm Group Moves back to Cairo

Important tips :

- 1- Get you university ID card with you.
- 2- Wear comfortable clothes and shoes.
- 3- Take care of your belongings and don't leave them unattended.
- 4- Always Move in Groups.

In Case you got lost or needed help call :

- Marwa El-Hatw (TA) : 01110711906 -01203751729
- Rasha Abdelrazik : 01224184292
- Dr.Mohamed Mahmoud : 01001102661
- SeifAboseoud (SU member) : 01008822057



AET NEWSLETTER 2019



In This Issue

- Academic Procedures:
 - Academic Calendar | P2
 - Teaching Staff | P2
 - Academic Schedules | P4
 - AET New Course Map | P6
 - Academic Develop. | P7
 - AET Sc. Conference | P10
 - AET Int. Activities | P10
 - Public Lectures | P11
 - Summer Outreach Program (SOP) | P13
 - Extracurricular Activities | P13



AET an established architectural program that was initiated twelve years ago under the name of Faculty of Engineering, Cairo University, & led by a hard working team of staff members & teaching assistants. Nine classes have graduated until now and more than 10 AETians of our best students were assigned as full-time teaching assistants in the Architecture Department in addition to many other AETians high achievers who work with us at AET.

The main driver for our program is to provide our students with the best educational service that they deserve. We are always proud of all members of our AET family their hard work and numerous achievements. We present the eighth edition of the AET newsletter documenting glimpses of AET along the academic year 2018/2019. In March 2016, AET has received the UNESCO/ UIA- Validation unconditional for three years by the UIA Council for Architectural Education [VCAE]. In October 2019, we will be receiving a revalidation visit which we look forward to a fruitful outcome that reflects our hard work and striving for the best.

Last but not least, many thanks to AET founder coordinator, Prof. Hesham Khairy; & former coordinator Prof. Sherine Wahba. I also congratulate those who recently joined our team from the younger generation and those who are on leave pursuing their studies abroad. You all make us so proud.

2018/2019 was my first year as AET coordinator and I really enjoyed working with all of you. Looking forward to continuing serving AET and further excellence of the program and graduates.

Prof. Dr Heba Khalil

Newsletter Issue 8

Coordination Team

Prof. Heba Allah Khalil
Senior Coordinator

Dr. Sherin Gamnoz
Coordinator 2 & registrar

Dr. Tamer ElSerafi
Coordinator 3

Prof. Mohamed Anwer
IT Coordinator

Assoc. Prof. Ahmed Mostafa
QP Coordinator

TA. Omar Shalik
TA. Amr Ouf
TA. Begwan ElRafale
TA. Reem Mostafa
TA. Fady Philip
TA. Mariam Mahdally
TA. Salma Elkahy



AET SCIENTIFIC CONFERENCE

AET coordination team is always working on developing the program curriculum and courses' contents. Therefore, many events have been initiated for this purpose.

Place: AET Studio 2000A, Siza Campus.
Date and Time: Tuesday, April 30th, 2019 from 2:00 pm to 04:30 pm.
Attendance: AET Coordination Team:
Prof. Heba Allah Khalil - Head of department
Dr. Sherin El Gamnoz - AET coordinator
TA. Salma Elkahy
Program Instructors and Title:
Dr. Karim Ibrahim - AET coordinator
Dr. Mohamed Mahmoud - AET coordinator
Students: (Junior, Senior & ...)



AET International Activities

UIA Education Commission Exhibition

June 2019

AET program always succeeds to maintain its appearance internationally. This academic year, the contribution was made by senior-2 student Ahmed T. Badr for his project of a PAVILION, during ARC406 Design-7 course, under the supervision of Prof. Dr. Ali Gabr. The project was shown at the exhibition of UNESCO-UIA Validated Schools, at the UIA International Forum on Mass Tourism in Historic Cities and UIA Extraordinary General Assembly, Heydar Aliyev Centre, Baku, Azerbaijan.



Academic Development

more students are introduced early in the major during this course to different CAD systems. This change in the course will allow students to choose a CAD system for their design projects, keeping their perspective of the Auto-cad.

At the end of the course one of its groups to build a physical model based structural systems. This helps in their physical modeling skills, as well as their hands on experience students see them practice working as teams.

UE was highly impressed with the quality of the CAD, as they exceeded targets.



FINAL PROJECT SAMPLES

Academic Development

GRADUATION PROJECT

Final and most complex project for undergraduates, the QP undergoes various stages of work. Fall semester is mainly a macro scale groupwork project, while the following semester is mainly a micro scale individual project that maintains the role and harmony with the rest of the group. The students finally present their final conceptual external data which evaluates the final product.



QP EDUCATION ON DAY

AET NEWSLETTER 2020



- In This Issue**
- Academic Procedures:
 - Academic Calendar | P2
 - Teaching Staff | P2
 - Academic Schedules | P4
 - AET New Course Map | P6
 - UIA Revalidation | P7
 - Academic Develop. | P9
 - AET Sc. Conference | P12
 - Public Lectures | P12
 - Extracurricular Activities | P14
 - Message to graduates of 2020 | P15

UIA RE-VALIDATED !!!

AET an established architectural program that was initiated thirteen years ago under the name of Faculty of Engineering, Cairo University, & led by a hard working team of staff members & teaching assistants. Nine classes have graduated until now and more than 10 AETians of our best students were assigned as full-time teaching assistants in the Architecture Department in addition to many other AETians high achievers who work with us at AET.

The main driver for our program is to provide our students with the best educational service that they deserve. We present the ninth edition of the AET newsletter documenting glimpses of AET along the academic year 2019/2020. In March 2016, AET has received the UNESCO/UIA- Validation unconditional for three years by the UIA Council for Architectural Education [VCAE]. In October 2019, we received a revalidation visit which was successful and reflected the outcome of our hard work and striving for the best.

Prof. Dr Heba Khalil

Newsletter Issue 9

- Coordination Team**
- Prof. Heba Allah Khalil
Senior Coordinator
- Dr. Sherin Gammat
Coordinator 2
- Dr. Tamer Elseraf
Coordinator 3
- Prof. Mohamed Anwar
Coordinator
- Assoc. Prof. Ahmed Mostafa
Co-Coordinator
- Dr. Rania Ibrahim
AET G.A. Coordinator
- Ass. Lec. Omar Shafik
Ass. Lec. Ragwan Elrefale
TA. Reem Mostafa
TA. Fady Philip
TA. Marwan Mahdally
TA. Salma Elbassy
TA. Caroline Raouf
TA. Neryana Hesham

AET Fall 2019
Spring 2020

AET Newsletter Issue 9

UNESCO/UIA Revalidation

The devoted AET co-ordination team & students collaborated in the preparation of the UIA revalidation visit. The much anticipated visit included several separate meetings, with the dean, the students, the staff, and some of the AET's past external examiners. Other sections of the visit involved an exhibition of the students academic work, AET program presentations, and two dinners; one with the staff and another with the staff and students. All the hard efforts yielded in the unconditional re-validation of the AET program for 5 years (2019-2024).

Special thanks to our AET co-ordinator Dr Heba Khalil and the co-ordination team and students for making it happen!

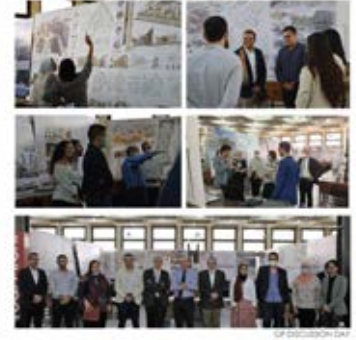
Meetings



AET Newsletter Issue 9

Academic Development ORIENTATION PROJECT

As the final and most complex project for undergraduates, the GP undergoes various stages of work. 2nd semester marks a major-scale group-work project where the following final semester is meant to be a more-scale individual project that maintains the cohesiveness and harmony with the rest of the group. The students finally present their projects to an external external jury who evaluate the final product.



AET Newsletter Issue 9

AET SCIENTIFIC CONFERENCE

AET coordination team is always working on enhancing the program curriculum and content.

Therefore, many events have been organized for the students including the AET scientific conference where professors and students from each year gather and seminar to discuss developments and comparisons about the curriculum. The conference is organized by AET coordination team.

As for Spring 2020 semester an online scientific conference was arranged due to the COVID-19 pandemic.

Public Lectures AET Arranged

Despite the prevailing circumstances, the AET was able to maintain its activities and organize a series of public lectures to be delivered by distinguished lecturers for helping arrange numerous online lectures and discussions as well as our guest lectures.



AET NEWSLETTER 2021



In This Issue

- Academic Procedures:**
- Academic Calendar | P2
 - Teaching Staff | P2
 - Academic Schedules | P4
 - AET New Course Map | P6
 - NAQAAE Accreditation | P7
 - UIA Action Plan | P8
 - Academic Develop. | P9
 - AET Sc. Conference | P13
 - AET International Activities | P14
 - Message to graduates of 2021 | P17
 - Upcoming events | P18

AET an established architectural program that was initiated fourteen years ago under the name of Faculty of Engineering, Cairo University, led by a hard working team of staff members & teaching assistants. Ten classes have graduated until now and more than 10 AETians of our best students were assigned as full-time teaching assistants in the Architecture Department in addition to many other AETians high achievers who work with us at AET. The main driver for our program is to provide our students with the best educational service that they deserve. We present the tenth edition of the AET newsletter documenting glimpses of AET along the academic year 2020/2021. In March 2016, AET has received the UNESCO/ UIA- Validation unconditional for three years by the UIA Council for Architectural Education (VCAE). In October 2019, we received a revalidation visit which was successful and reflected the outcome of our hard work and striving for the best. This academic year has proved to be very challenging with the continuation of the COVID19 pandemic situation. However, the AET community has managed to stay flexible and responsive to the fast changing situation. Hybrid learning is especially challenging for creative disciplines which rely, in many cases, on interaction, feedback and peer learning. I must thank all the students, representatives, faculty and staff for rising to the occasion and ensuring a smooth ride as possible. Yet another hurdle that we managed to overcome.

Prof. Dr Heba Khalil

Newsletter
Issue 10

Coordination Team

- Prof. Heba Allah Khalil
Senior Coordinator
Assoc. Prof. Sherin Gammaz
Coordinator 2
Dr. Tamer Elgerali
Coordinator 3
Prof. Mohamed Anwar
Coordinator 4
Assoc. Prof. Ahmed Mostafa
CP Coordinator
Assoc. Prof. Rania Ibrahim
AET Q.A. Coordinator
Ass. Lec. Omar Shafik
Ass. Lec. Regwan Eltaleb
TA. Saem Mostafa
TA. Fady Philip
TA. Marlon Mahdally
TA. Salma Elbasy
TA. Caroline Kooif
TA. Nervana Kisham

NAQAAE Accreditation 2021

AET program has been nationally accredited by NAQAAE dated 21 June 2021 as the program complied the laws set by the authority regarding the quality of education and local accreditation. The visit was from the 17th to the 19th of December 2019. During the visit, meetings were held with the students, alumni, professors and stakeholders.

Special thanks to our AET co-ordinator Prof. Heba Khalil and the co-ordination team and students for making it happen!

Meeting with the professors



AET International Activities

Urbanform 2021 International Student Competition
June 2021

The 2nd edition of the international student competition is organized by the University of Bologna Alma Mater (Stabum) Italy in collaboration with University of Florence in Italy with the challenge of designing three urban signature projects by focusing on integrating the best architectural and smart solutions and technological innovations for food production. The year's best young student students from the AET program where they participated and won the first and second prizes for two different locations.

First Prize - Agriculture

Agropolis - 2020
(Agriculture Growth and Regeneration Inspired by Sustainability)

The location for the project was Haggai, Italy - Topo Park where teams targeted redesigning the existing structure and the surrounding gardens, with the aim of creating a system that by producing food, would be able to improve the socio-economic condition of young people and families living in the area, of the same time, create awareness over a concept and healthy food culture.

Participating AET Student - Instructors (Designer)



AET International Activities

HOME KIT International Competition
July 2021

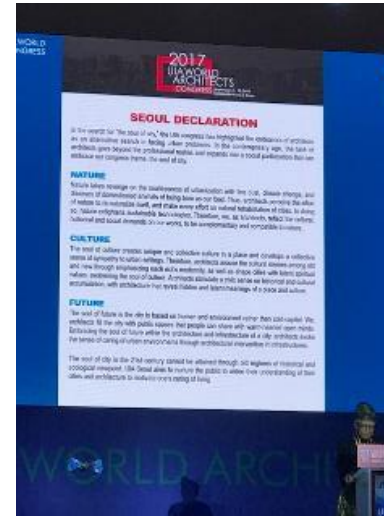
Home Kit International Student Competition was organized by the World Renewable Energy Congress (WREC) and was held at the Technical University of Lisbon Portugal aiming to address Sustainable Architecture through the Smart Solutions against Covid-19. A group of students from the AET program participated and won the first prize.

Project Team: Mohamed Shaban - AET
Dessalegn Shigang - AET
Yasmina Elgohar - AET
Dina Shaban - WREC



CUFE- CONTRIBUTION IN UIA CONGRESS SEOUL 2017

**TWO Staff
Members
representing
CUFE & the
Architectural
Programs**



NATIONAL PARTICIPATION

THE AMERICAN UNIVERSITY IN CAIRO

100

Re-materializing Construction

Under the auspices of HE Assem El-Gazzar, Egyptian Minister of Housing
LafargeHolcim Foundation

APRIL 4, 2019



Christine Binswanger
Senior Partner at Herzog & de Meuron, Switzerland

Lord Norman Foster
Chairman & Founder Foster + Partners, United Kingdom

Francis Kéré
Principal of Kéré Architecture, Burkina Faso, Germany

Anne Lacaton
Principal of Lacaton & Vassal Architects, France

Re-materializing Construction

6th International LafargeHolcim Forum for Sustainable Construction
American University in Cairo, April 4-6, 2019

The quantity and quality of materials used in construction and the amount of energy consumed in buildings over their entire use-cycle point to the impact that better material protocols could have in lowering emissions and in reducing dependence on resource extraction from the natural environment. Although increasing energy efficiency as well as the use of renewable energy sources have been an obvious first step in this process, it is now necessary to foreground material stocks and flows in order to further the objectives of sustainable construction. "Re-materializing Construction" suggests a shift in material production and use toward a regenerative pathway. In short, the Forum seeks to identify radical solutions in the use of building materials.



Keynote speakers: Christine Binswanger, Senior Partner at Herzog & de Meuron, Switzerland; Lord Norman Foster, Chairman and Founder of Foster + Partners, UK; Laila Isakander, Senior Minister of Urban Renewal and Informal Settlements, Egypt; Mitchell Josselyn, New York University; Co-founder, Terracotta One, USA; Heidi Klau, Principal of HOK Architecture, Germany; Anne Lacaton, Principal of Lacaton & Vassal Architects, France; Rt Hon. Susan Lapley, Parliamentary Commissioner for the Environment, New Zealand.

Changing paradigms: Materials for a world not yet built

Shifting the flow, pulling the strings: Stocks, flows, and their dynamics

From manual to digital and vice versa: Digitalization, labor, and construction

Catch 22: material needs versus material impact



Examining various new models for creating a sustainably built human environment that is both fully recyclable and constructed from materials that are green or naturally transformed so as not to damage the non-human environments of the world.

Exploring four nested, inter-related temporal dynamics: the natural cycles that interact with bio-based material production and energy use patterns, the building life cycle, human lifestyle patterns, and the evolution of the city over time.

Investigating to what extent the trends of digitalization can offer new opportunities and examine instances where the application of digital solutions may in fact prove unintentionally detrimental - learning from best practices and striving for consequential, collaborative solutions.

Rethinking the supply chain and improving the efficiency of materials framed by three questions: what is the right material, what is the best material, and how can we minimize material use.

Moderators: Werner Sobek & Dirk Helm, Germany; Presenters: Matthias Guden, Belgium; Marjolita Wenzel, Germany; Inka Reuber, Germany; Eva Pliemans, Netherlands; Phil Biss, USA; Stuart Smith, UK; Andreas Splies, Germany; Lars Van Passen, Spain; **Speakers:** Kai Oles, Germany; Dominik, Wilson LeRoux, USA; **Moderators:** Marjorie Anderson & Guillaume Hübner, Switzerland; Presenters: Loretta Castro, Mexico; Ruchi Oswal, UK; Kunalika Khanna, India; Adnan Khan, Khalifa, Egypt; Douglas Lamb, South Africa; Serge Lelievre, France; Mark Saffell, South Africa; Christian Müller, Switzerland; Stefanie Wildner, Germany; **Speakers:** Kai Oles, Germany; Dominik, Wilson LeRoux, USA; **Moderators:** Anna Heringer, Austria; Philipp Bink, Switzerland; Presenters: Adeline Anagnostidou, Cyprus; Ines Alameddine, USA; Alpha Khono, USA; Alexandra Lalis, USA; Sheikha Al-Faraj, India; Marlene Pappein, Switzerland; Martin Baurli, Austria; Anna Schikhan, Switzerland; **Speakers:** Benjamin Schindler, Switzerland; Rahul Swastika, India; **Moderators:** Karen Sartorius & Harry Guggis, Switzerland; Presenters: Tamas Barlas, South Africa; Elise Bonaldi, Switzerland; Bruce King, USA; Steven Macky, India; Albert Pope, USA; David Van Driem, France; Chih-Wei, UK; Yanet Zhang, China; **Speakers:** Sarah Graham, USA; Jane Wrenn, UK.

As the construction industry moves towards more sustainable building methods, increased energy efficiency, and the use of more renewable energy resources, practitioners and research institutions explore new methods and techniques towards more sustainable building life-cycles. Please join us for an open lecture on **Thursday April 4, 2019 from 9 am to 1 pm** at the AUC New Cairo Campus to explore the future of both the materials and construction industry. Seating is limited, you must register through the eventbrite link. Please arrive early with a digital/printed copy of your ticket to reserve your seat. Doors close at 8:30 am sharp.

For any inquiries or any further information please contact us at:
Email: AUCForum2019@gmail.com
The American University in Cairo, AUC Avenue New Cairo, Egypt, 11835

جمعية المعمارين المصريين
والمركز الثقافي لساقية الطاوي
The Society of Egyptian Architects
& El Sawy Cultural Wheel




احتفالية ذكرى ميلاد المعمارى العالمى / حسن فتحي

Anniversary of Birthday of the Architect / Hassan Fatehy

دعوة عامة invitation

حسن فتحي

حياة . منهجية

Hassan Fatehy

Life . Philosophy

يوم السبت الموافق ٢٠١٩/٣/٢٣ - قاعة الكلمة - انعقاد الندوة الساعة ١٠.٣٠ مساءً
Saturday, 2019/3/23 - Hall of Word (El-Kelma) - 6.30 pm

المحدثون في الحوار النقاشي: **م. ج. معاصري / سيف الهاوي للتبا**
Dipl. Architect: Saif Allah Alnaga
President of SEA

منهجية الفكر
Methodology of Thought

المعماري / شادي نادي - ناهد شادي
Arch. Shady Nady

المعماري / عمر الفاروق - أمم الفاروق
Arch. Amr Al-Farouk

منهجية التطبيق
Methodology of Practice

التعريف على الندوة: المعماري الفقيه / نبيل عالي
Floor Speaker: Arch. Nabil Ghali - Former AUA Vice President
مترجم الندوة: م. ج. معاصري / ممدوح اعزمي
Stage Keynote: Arch. Mamdouh Azmy, SEA - Council Member

INTERNATIONAL PARTICIPATION

1st PLACE WINNER PROJECT IN DUBLIN
 FLOATING CONTEMPORARY FOOTBRIDGE
 COMPETITION , ORGANIZED BY AC-CA

Team Members: Amr T. Auf- Mohamed M.
 Hammad- Ziad A. Zaki



AET AT UIA EVENT,
 BAKU, JUNE 2019
 AHMAD TAREK



INTERNATIONAL PARTICIPATION



ECOCITY
WORLD SUMMIT 2019
VANCOUVER • CANADA
OCTOBER 7 - 11

**URBANISM
WITHOUT
WEIGHT**



**CITIES
WITHOUT**

**DEVELOPMENT
WITHOUT
FORMALITY**

Event

**CITIES WITHOUT
MIT & HCU, HAMBURG, 2019**

SOP- INTERNATIONAL OUTREACH



TRIP TO VENICE & ROME
2nd to 7th of JULY 2018

La Biennale di Venezia
di Architettura

- This is Part of the AET annual SOP 2018 & will be counted as One Week of your IT-1 or IT-2 Courses
- First Night in Rome, 4 Nights in Venice
- Tour Around Two of The Most Amazing Cities of the World
- Attend the Most Famous International Biennale of Architecture

If interested, send your main email address, Full name, Phone Number & Academic Year to:
triptovenice2018@gmail.com
Deadline for receiving email requests: 1-March, -2018

5 nights including:
Air Tickets
Accommodation
Breakfast
Transportation
Biennale Pass

19800 LE

For more information, refer to the Main Co-ordinator & Escort: Dr. Karim Kesseiba

PHOTOS FROM THE FIRST MISSION TO VENICE 2014

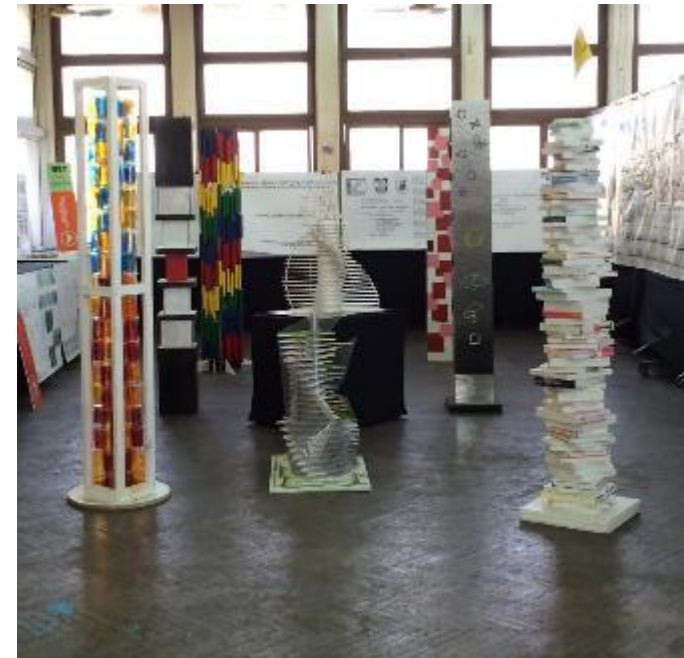
SOP2019
SUMMER OUTREACH
PROGRAM
CALL FOR APPLICANTS
FEB.2019



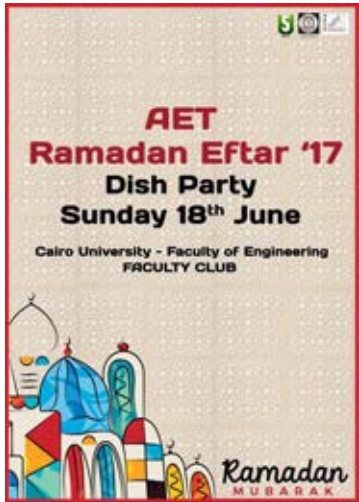
AET ANNUAL EXHIBITIONS



END OF ACADEMIC
YEAR ANNUAL
EXHIBITION



SOCIAL EVENTS



IFTAR SPRING 22



AET COORDINATION TEAM



AET SENIOR COORDINATOR
PROF. HEBA ESSAM KHALIL
hebatallah.khalil@gmail.com

AET COORDINATOR 2
Assoc. Prof. Sherin Gammaz
sheringammaz79@hotmail.com,

AET COORDINATOR 3
Dr. Tamer Elserafi
tamerelserafi@gmail.com,

AET IT COORDINATOR
Prof. Mohamed Anwer
fagrof maz@yahoo.com,

AET GP COORDINATOR (Since 2021/22)
Prof. Ingy Albarmalgy
i_barmelgy@yahoo.com

AET GP Coordination Team: Dr. Nihal Abdelgawad





**WELCOME
FROM THE AET FAMILY**

**A YOUNG PROGRAM
ALWAYS GROWING &
MOVING FORWARD**