



WELCOME FUTURE **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**



AET PROGRAM, CUFE

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**

**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?

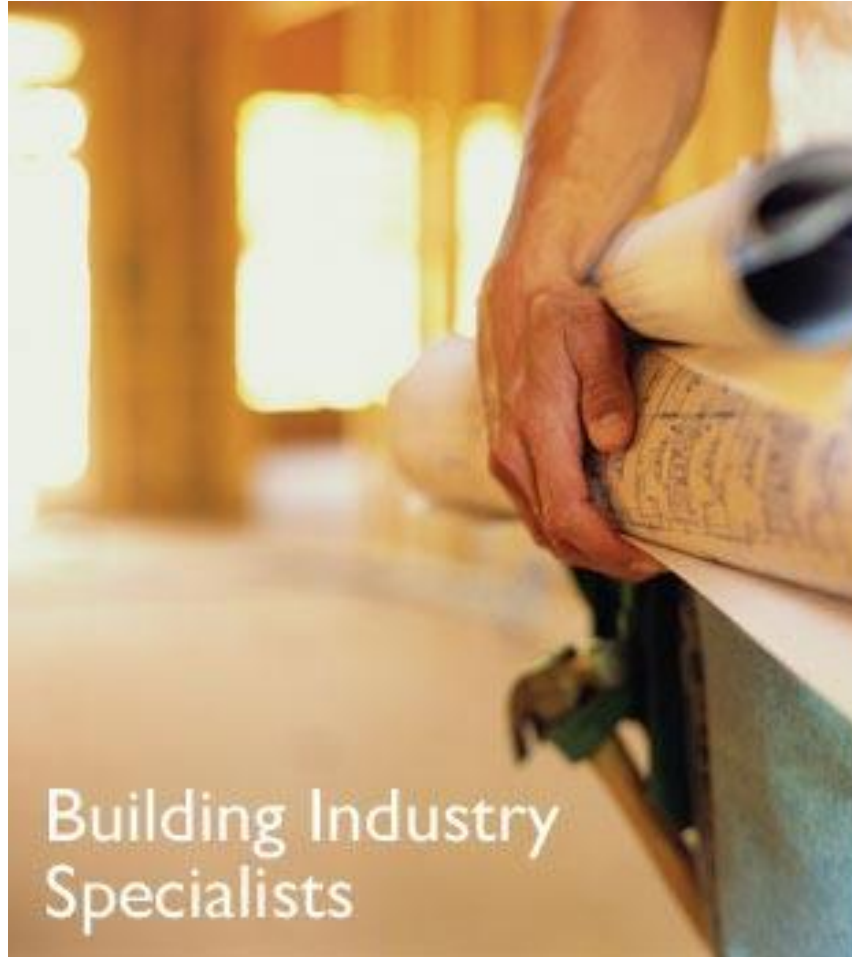
PROFESSION PARADIGM CHANGE

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



CAREERS IN BUILDING

PROFESSION PARADIGM CHANGE

DEVELOPMENT
COMPANIES

CONTRACTING
COMPANIES

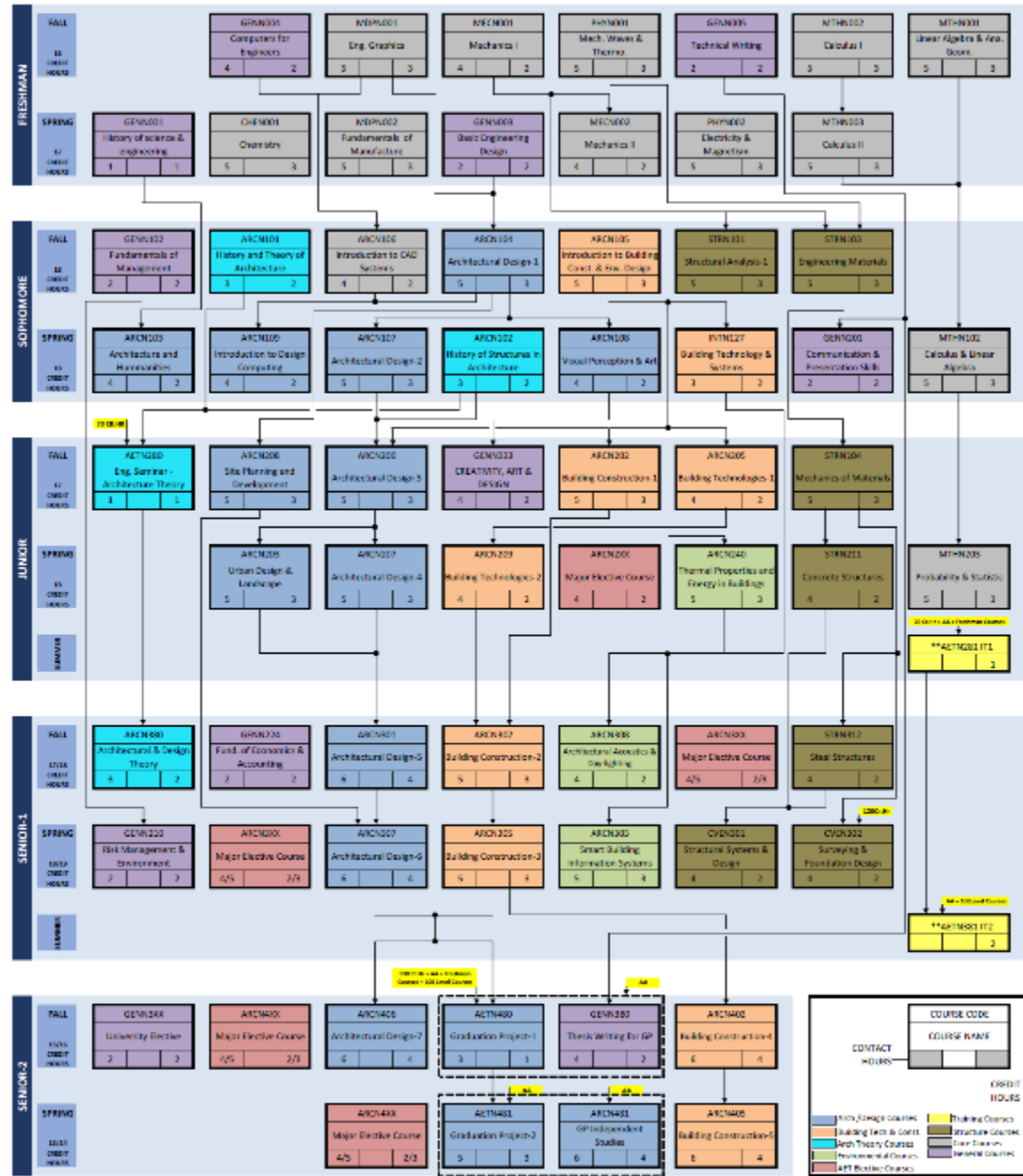
BUILDING
MATERIAL
INDUSTRY

ENGINEERING
FIRMS



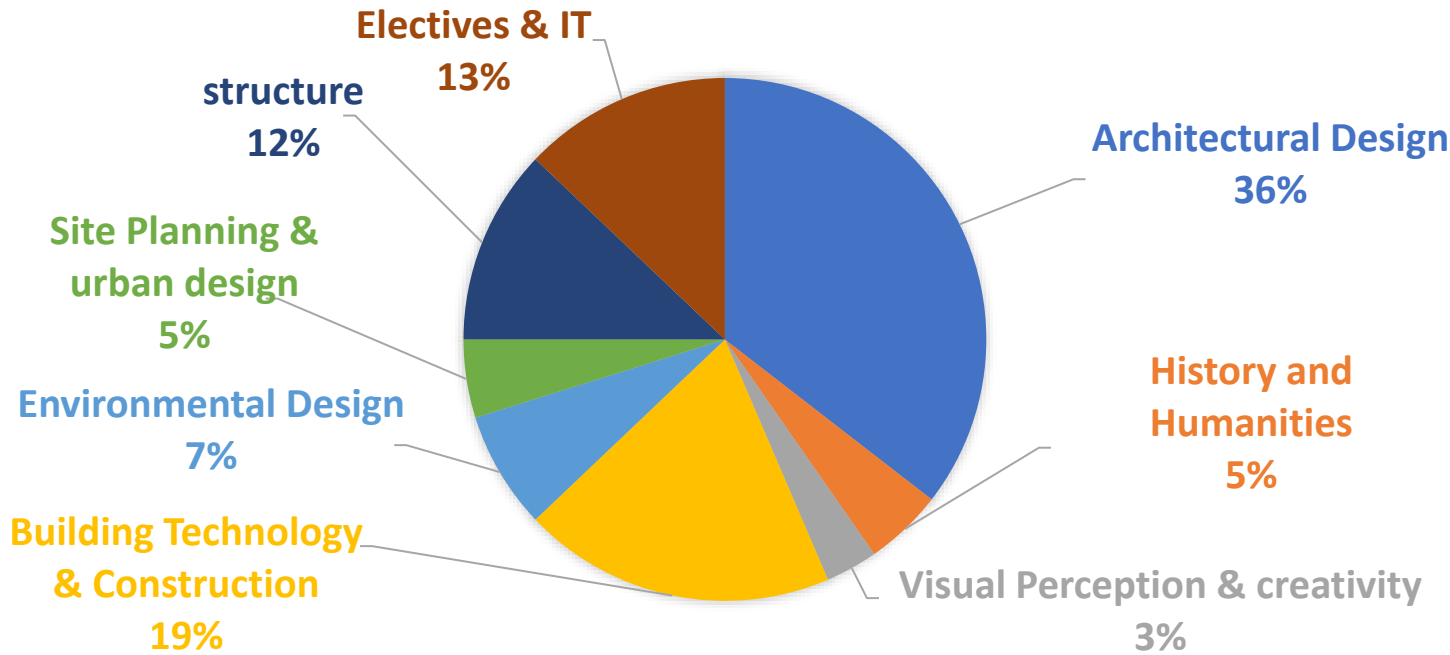
AET COURSE MAP-S 2020 [175 CRDS]

AET's 175 Credits Course Map Since Fall 2018



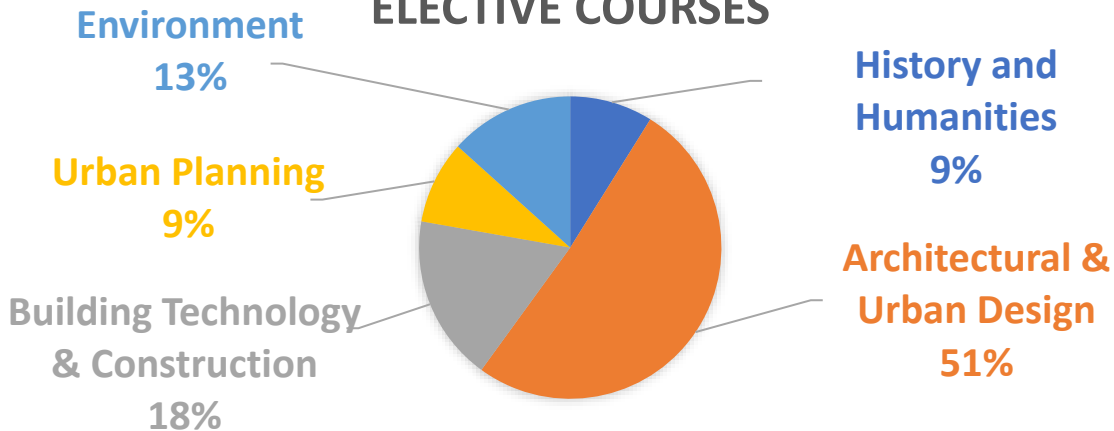
PROGRAM STRUCTURE

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 ACCREDITATION VISIT





Faculty of Engineering
Cairo University



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



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 Spring 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

Thursday
19th of April 2018
From 2:00 pm
Till 4:00 pm

Location

20307B



Validation

Family Workshops
Field Trips
SUAET
Extra Curricular Activities



THINKING GLOBAL
ACTING LOCAL

AET
SCIENTIFIC
CONFERENCE
Fall 2018



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 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.

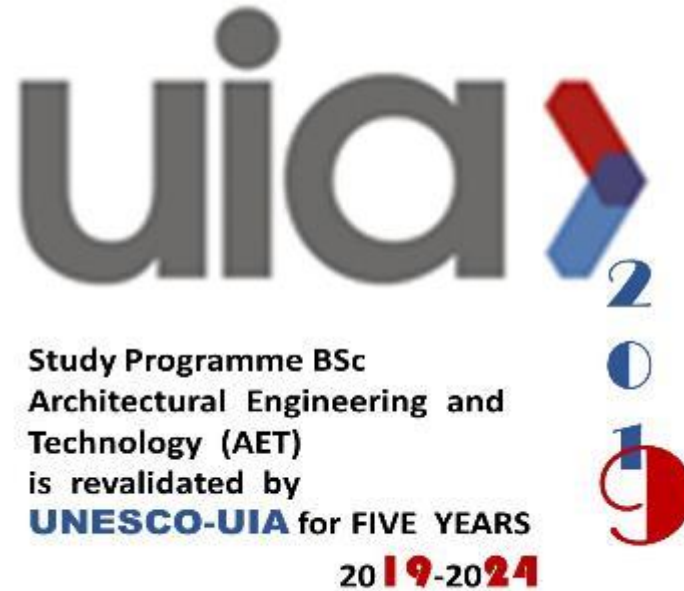
OUR AIM

- *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



UIA Revalidation Committee recommends 5-year revalidation for AET



UIA Revalidation Committee meeting with AET students October 2019

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.

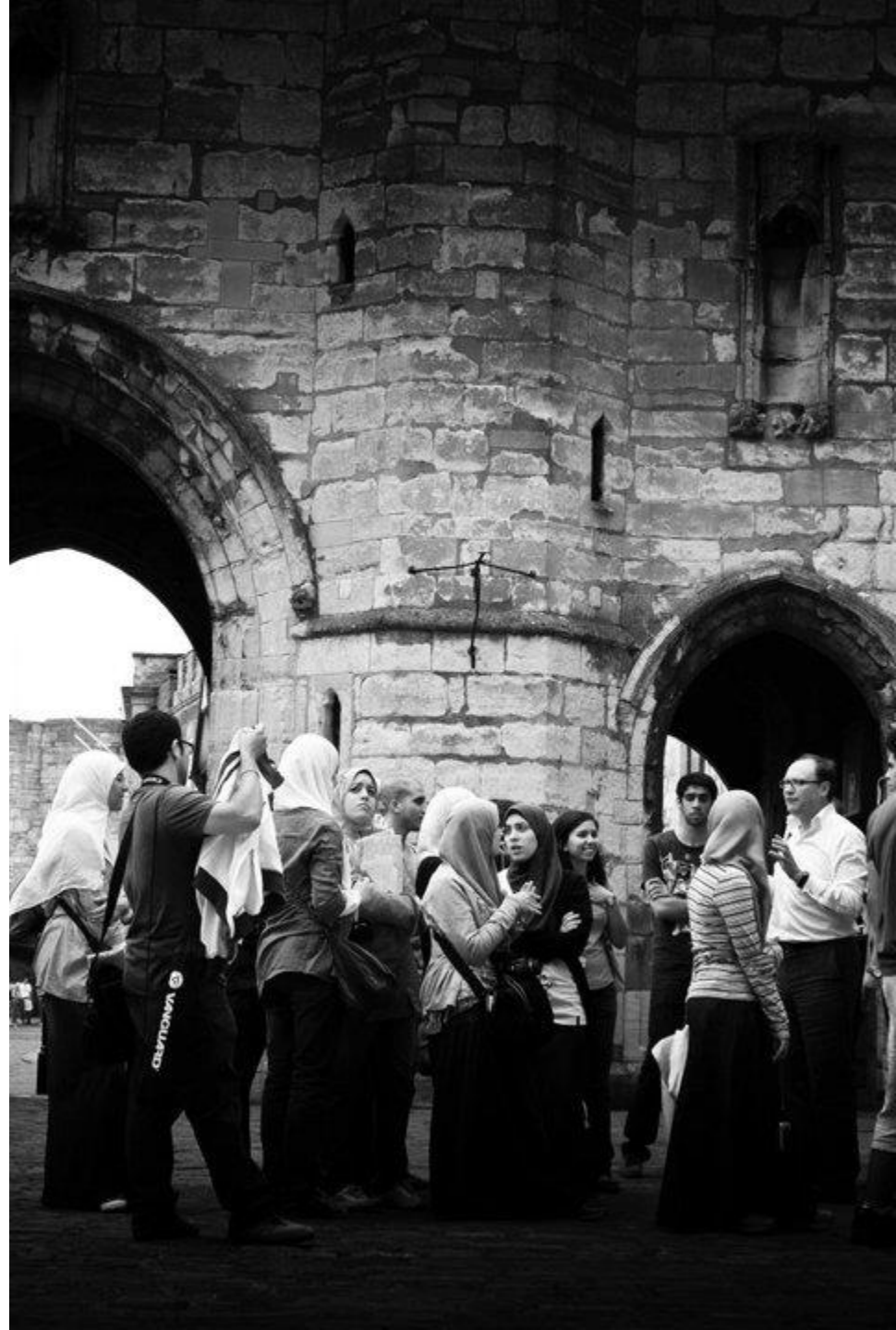
IMPORTANT

(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

- 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

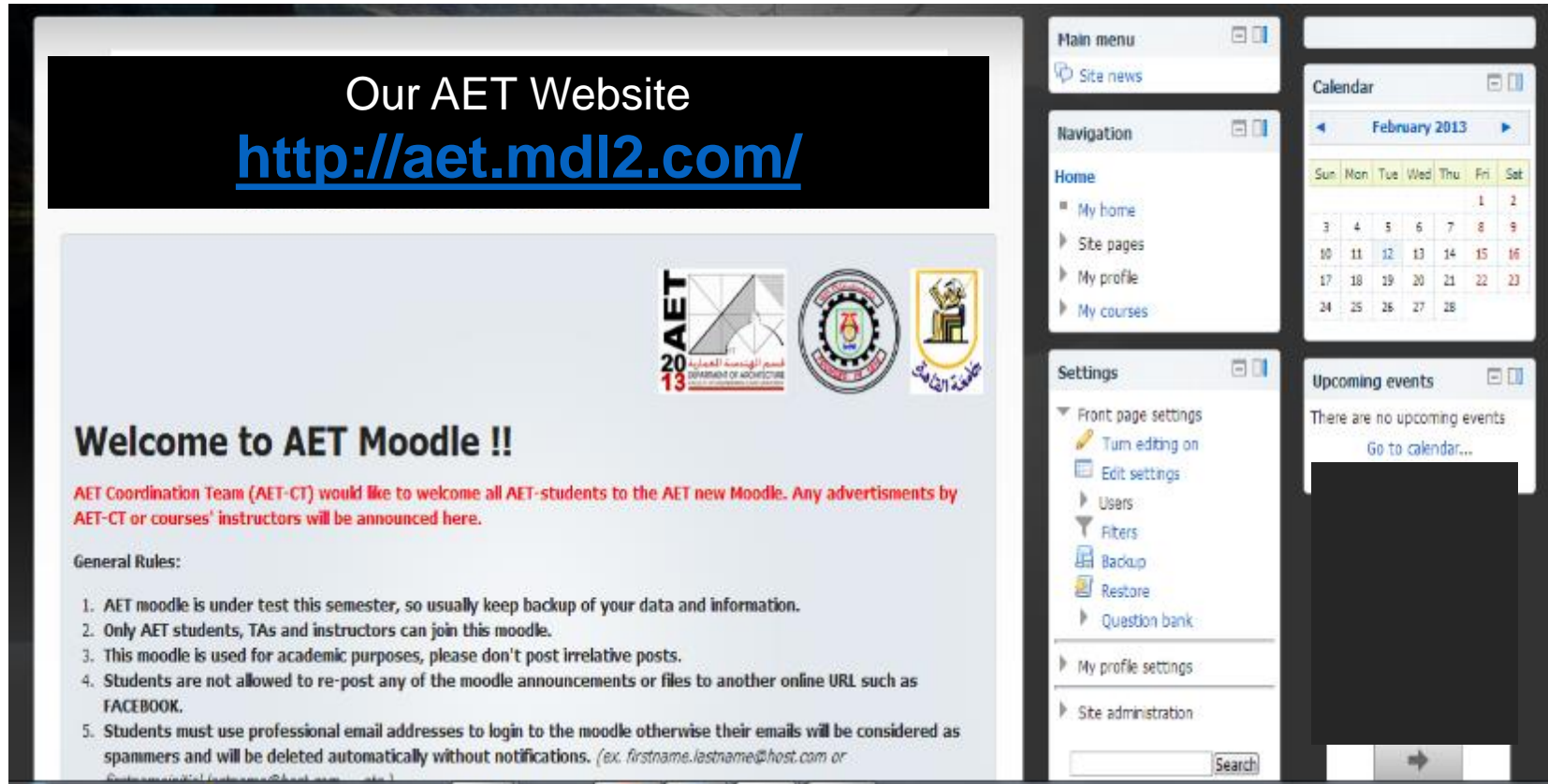
ITALY- LA BIENNALE DI VENEZIA



AET students – LINCOLN– UK – Summer 2016



AET OFFICIAL ACADEMIC WEBSITE-MOODLE



The screenshot shows the AET Moodle website interface. At the top, a black banner displays "Our AET Website" and the URL <http://aet.mdl2.com/>. Below this, the main content area features a "Welcome to AET Moodle!!" message from the AET Coordination Team (AET-CT), welcoming students and mentioning that advertisements by AET-CT or courses' instructors will be announced here. A "General Rules" section follows, listing five rules: 1. AET moodle is under test this semester, so usually keep backup of your data and information. 2. Only AET students, TAs and instructors can join this moodle. 3. This moodle is used for academic purposes, please don't post irrelative posts. 4. Students are not allowed to re-post any of the moodle announcements or files to another online URL such as FACEBOOK. 5. Students must use professional email addresses to login to the moodle otherwise their emails will be considered as spammers and will be deleted automatically without notifications. (ex. firstname.lastname@host.com or firstnamelastname@shouk.com.eg). The right sidebar contains several widgets: "Main menu" with "Site news"; "Navigation" with "Home", "My home", "Site pages", "My profile", and "My courses"; "Settings" with "Front page settings" (Turn editing on, Edit settings, Users, Filters, Backup, Restore, Question bank), "My profile settings", and "Site administration"; "Calendar" for February 2013; and "Upcoming events" which states "There are no upcoming events" and includes a "Go to calendar..." link. Logos for AET 2013, Mansoura University, and uia are visible in the background of the main content area.

Students can:

- Know the AET calendar, newsletter, upcoming events, administrative advertisements and latest news
- Have access to course materials, assignments, grades, news and updates
- Communicate easily with each other and with staff

Acts as a DIGITAL LIBRARY FOR BOTH STAFF & STUDENTS

Staff can:

- Load course material, assignments, grades, news and updates
- Easily communicate with students

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



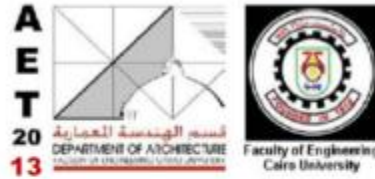
SUAET 2019/2020



Events

Live

AET ALUMNI



AET GRADUATING

1. INTRODUCING AET GRADUATE

In our pursuit for internal quality assurance, we seek a graduate that can enhance the lives of individuals and communities through endeavors that stem from intellectual curiosity, critical thinking, and broad inquiry, rooted in the interrelatedness of theory, history, and practice linked with the engineering sciences and the global technology. We seek to develop not only future introspective practitioners, but also critical thinkers who will eventually be in significant leadership positions in the profession. Our students/future graduates believe that it is extremely important to be intellectually prepared to address issues of national and international importance in a meaningful and responsible manner. With modern technological advancements

EXIT SURVEY

B.Sc. in Architectural Engineering and Technology (AET) based on Credit Hours System
الرسالة والرسول في الله

EXIT SURVEY

In order to help the Program maintain and develop the quality of the undergraduate educational experience, it is important to have information from those of you who have most recently participated in the process. We therefore request that you spend some time and respond with the requested information. Each form also has space for any comments that you may wish to make.

This Exit Survey requests information that is important for the accreditation process associated with each of our degree programs. Evaluate the following competencies acquired through out your education.

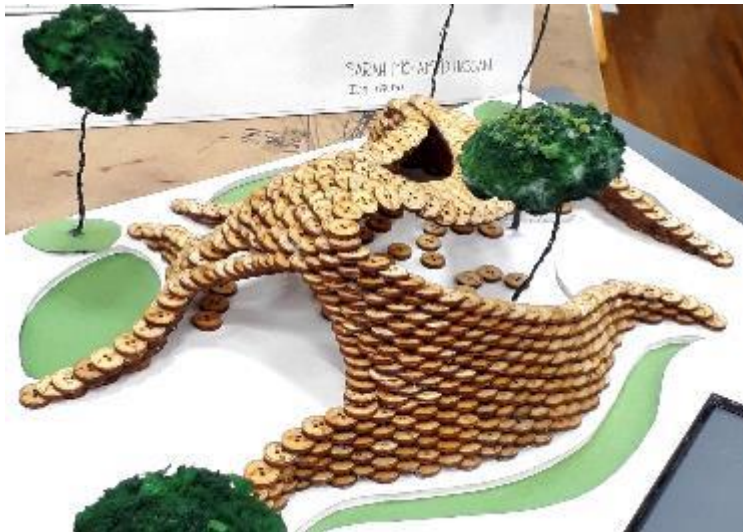
		Excellent	Very Good	Good	Fair	Poor
1	At this point in your education, how do you feel your ability to: apply knowledge of mathematics, science and engineering.					
2	Design and experiment, as well as to analyze and interpret data.					
3	Design a project, system, component or process to meet desired needs.					
4	Function in multi-disciplinary teams.					
5	Identify, formulate and create problem solving approaches.					
6	Understand professional and ethical responsibilities.					
7	Communicate effectively.					
8	Have the broad education necessary to understand the impact of Engineering-Architecture solutions in a global and social context.					
9	Recognize the need for and an ability to engage in life-long learning.					
10	Acquire knowledge of contemporary issues.					
11	Use the techniques, skills and modern Engineering-Architecture tools necessary for Architecture Engineering practice.					
12	In your opinion, studying in another campus, would have been better for you through your academic years?	Yes	No	Consent		
In case you already graduated:						
13	Are you registered in M.Sc. Program? If yes, where? which specialization?	Yes	No	Institution		
14	Where are you working now?	Design/Design Development	Construction Documents	Site Supervisor	Shop Drawings	Other
15	Type of work you're currently doing?	Design/Design Development	Construction Documents	Site Supervisor	Shop Drawings	Other
16	How long did it take you to obtain your first job after graduation?	Less than 1 month	1 - 3 months	3 - 6 months	6 - 12 months	Other
General Comments & Feedback						
March, 2013						

SEMESTER	SERIAL	Preparation						Academic Results						Remarks					
		Year 1		Year 2		Year 3		GPA		Rank		GPA		Rank					
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring

- ❑ AET-Alumni Survey Data Collection Sheet
- ❑ AET-List of Graduates- Grades/ Status/ Statistics

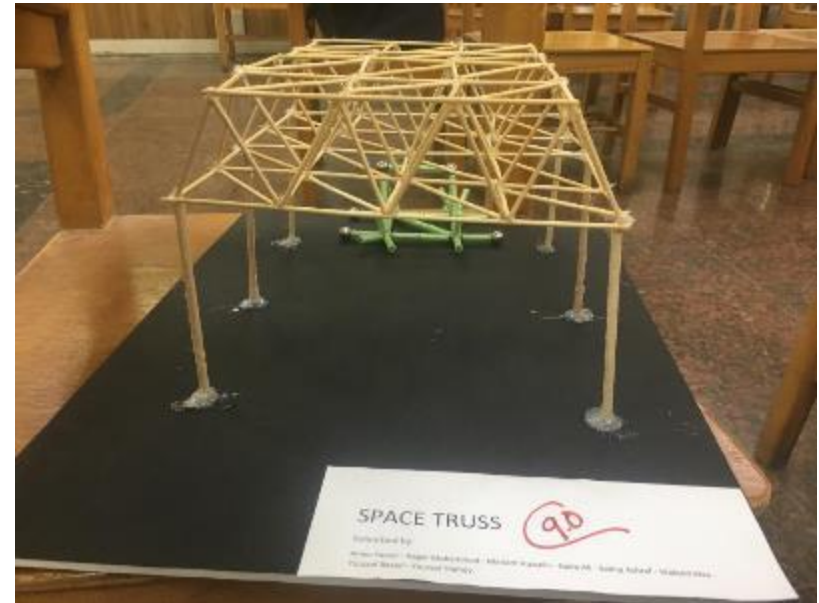
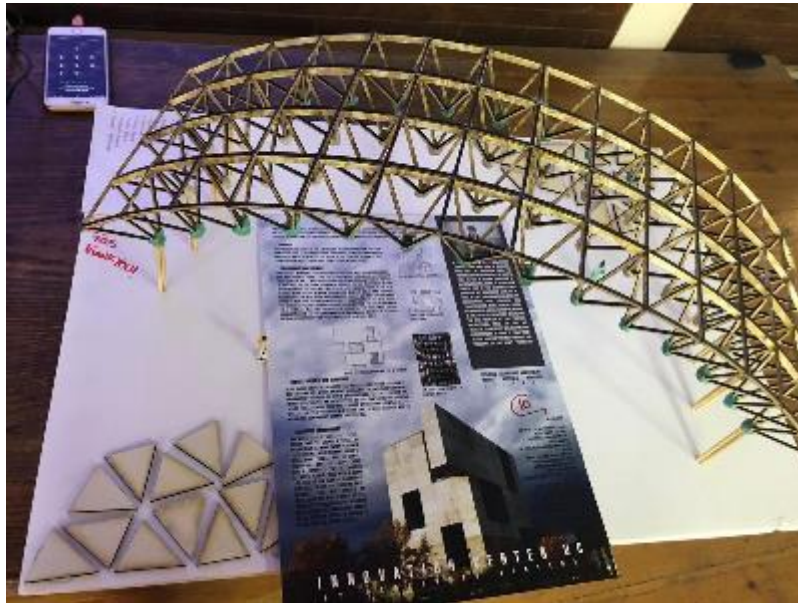
STUDENTS WORK

ARCN 104: Architectural Design Skills



Building Technology & Systems - INTN127

Spring 2019



PHYSICAL RESOURCES

FACILITIES



COMPUTER LABS



ARCH LIBRARY



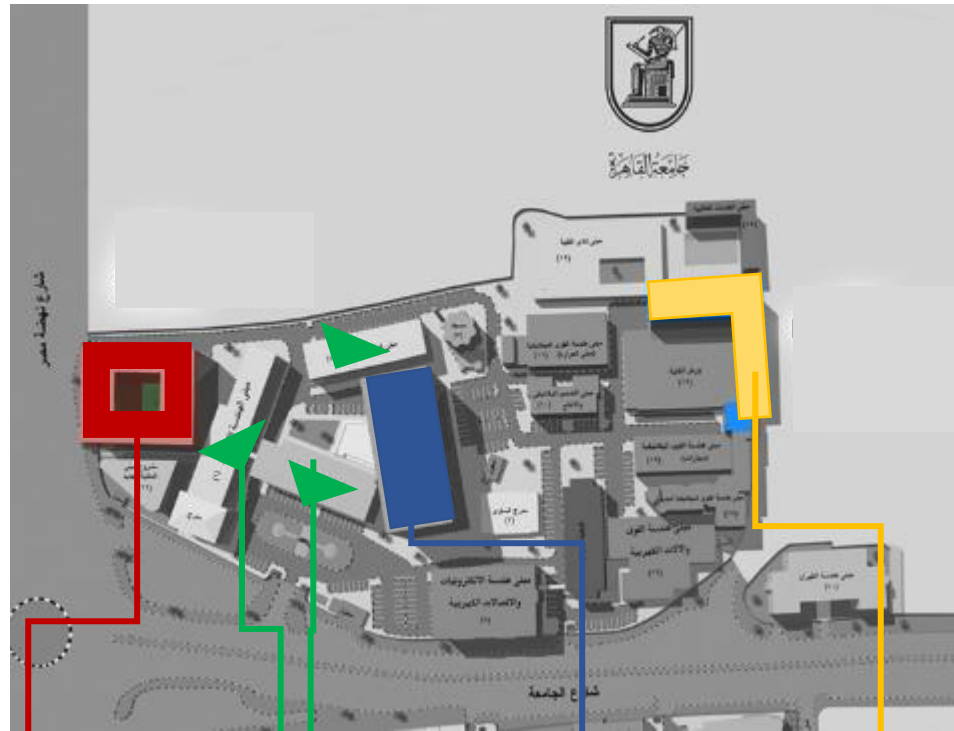
CLASSES



MODEL MAKING WORKSHOP



QA UNIT & STORAGE AREA



CHS BLDG

**OTHERS:
CIVIL & ADMIN**

ARCH BLDG

ACTIVITIES BLDG



STUDIOS IN 20000 - LEVEL 1

SIMPLE RECTILINEAR - ONLY HORIZONTAL

CHARACTERISTICS

Direction: Quick	Easy: Lockup	Directional: Straight	Formal: Linear
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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 2: Junior - Level 2

CHARACTERISTICS

Direction: Quick	Easy: Lockup	Directional: Straight	Formal: Linear
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RECTILINEAR & SECONDARY COLORS

Secondary Colors: Orange, Green, and Purple. These are the colors formed by mixing the primary colors. A color produced by a 50:50 ratio of primary colors is called a secondary color.

STUDIO 3: Senior - Level 3

CHARACTERISTICS

Direction: Quick	Easy: Lockup	Directional: Straight	Formal: Linear
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POLYCHROMATIC & 70S COLOR PALETTE

Polychromatic is a color palette that uses a wide range of colors and tones. It is often used in design to create a vibrant and dynamic look.

STUDIO 4: Senior 2 - Level 4

CHARACTERISTICS

Direction: Quick	Easy: Lockup	Directional: Straight	Formal: Linear
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IRREGULAR GRID / DECONSTRUCTION

VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST

Neutral colors are a group of colors that are not primary or secondary. They are often used in design to create a balanced and sophisticated look.

STUDIOS IN 20000/CHS BLDG.



SOPHOMORE STUDIO



JUNIOR STUDIO



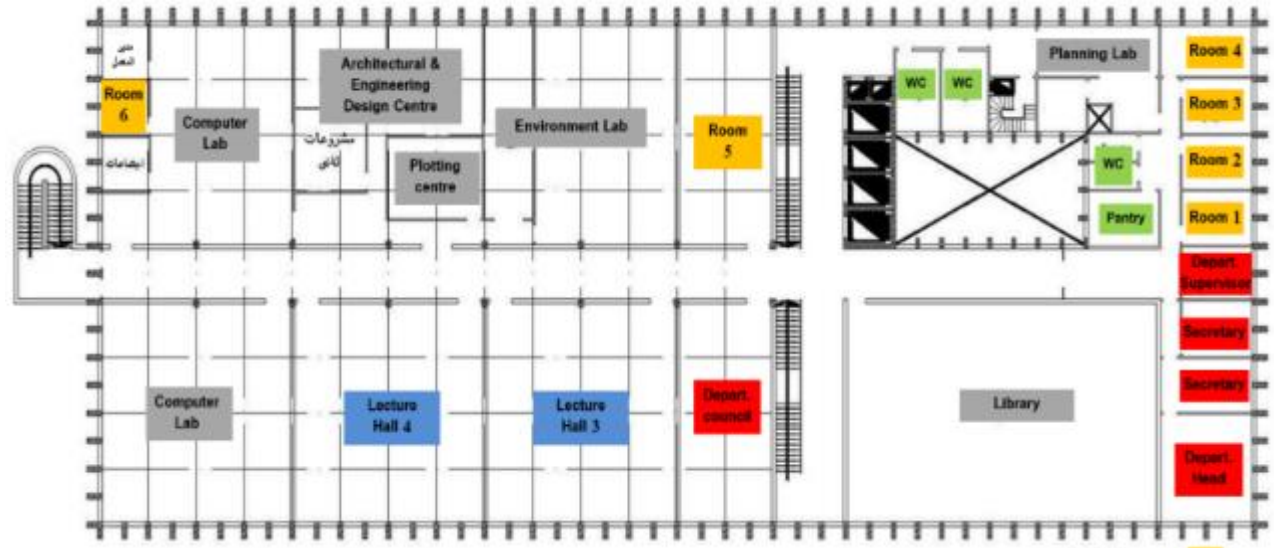
SENIOR 1 STUDIO



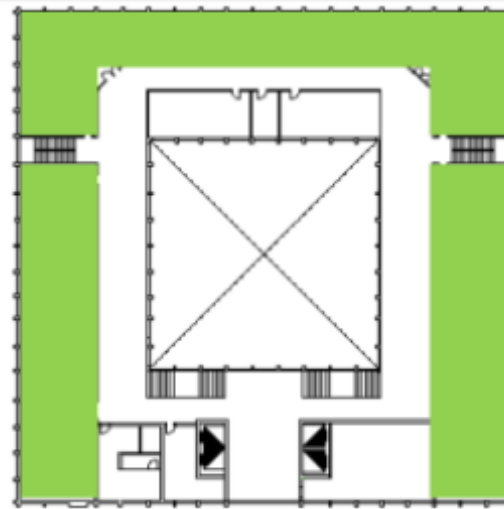
SENIOR 2 STUDIO



LIBRARY & COMPUTER LABS ARCH. BUILD. 5TH FLOOR



NEW LECTURE HALLS BUILDING 20000, 5TH FLOOR



ACTIVITIES

EXTRA CURRICULAR ACTIVITIES

PUBLIC LECTURES

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

أفريقيا 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 ظهرا



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

د. وائل متولي مدرس مساعد الجغرافيا - كلية الدراسات الأفريقية العليا- جامعة القاهرة	المدينة الأفريقية بين التراث الأصيل والقادم الأوروبي الدخيل	10:00 10:25
د. سحر إبراهيم مدرس الأنثروبولوجيا - كلية الدراسات الأفريقية العليا- جامعة القاهرة	الثقافة الأفريقية.. رؤية أنثروبولوجية	10:30 10:55
	مناقشة	11:00 11:25
د. سماح المرسي أستاذ الاقتصاد المساعد - كلية الدراسات الأفريقية العليا- جامعة القاهرة	أفريقيا وتحقيق أهداف التنمية المستدامة	11:30 11:55
حامد المسلمي باحث دكتوراه، علوم سياسية-كلية الدراسات الأفريقية العليا- جامعة القاهرة	موريشيوس.. نموذج أفريقي واعد	12:00 12:25
	مناقشة	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

ووصل السند لعمارة الإسلام.. محاولة

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 ظهراً



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 عدداً 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 وتأثرها بروافد اغريقية ورومانية وكذلك دوائر انتمائها العربية والإفريقية والمتوسطة؟ وهل هناك خيط ناظم لذلك 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 بلندن AA وكان بحثه بعنوان "المسجد في بريطانيا: تراث بريطاني؟". تنمذ على عدد من الأساتذة مثال المعماري المصري العالمي طارق أبو النجا في العمارة، والفنان المكثري العالمي د. أحمد مصطفى في فنون الإسلام كما تنمذ فكريا ومنهجيا على مفتي الديار المصرية السابق الشيخ علي جمعة والمحدث المثقف أسامة الأزهرى.

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

cover: Pink Floyd – THE WALL

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
- Head 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 CUFF 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-Hariri (TA) : 01110711906 -01203751729
- Rasha Abdelrazik : 01224184292
- Dr.Mohamed Mahmoud : 01001102661
- Seif Abosoud (SU member) : 01008822057

AET NEWSLETTER 2019



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

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Coordination Team

- Prof. Heba Allah Khalil
Senior Coordinator
- Dr. Sherin Gammaz
Coordinator 2 & registrar
- Dr. Tamer ElSerafi
Coordinator 3
- Prof. Mohamed Anwer
IT Coordinator
- Assoc. Prof. Ahmed Mostafa
GP Coordinator
- TA. Omar Shafik
- TA. Amr Ouf
- TA. Regwan ElRefaie
- TA. Reem Mostafa
- TA. Fady Philip
- TA. Mariam Mahdally
- TA. Salma ElBahy



AET Fall 2018 Spring 2019



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 204078, Giza Campus.
Date and Time Tuesday, April 30th, 2019 from 2:00 pm to 04:30 pm.
Attendance AET Coordination Team:
Prof. Heba Khalil- Head of department
Dr. Sherine El Gammaz- AET coordinator
TA. Salma ElBahy
Program Instructors and TAs:
Dr. Rania Ibrahim - AET coordinator
Dr. Mohamed Mahmoud - AET coordinator
Students:
(Junior, Senior-1)



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 BUILDING TECHNOLOGY & SYSTEMS

more students are introduced early in the course to learn about different building systems. This change in the course allows students to choose a building system for their design projects widening their perspective of the building as a whole.

Students by the end of the course are divided into groups to build a physical model of different structural systems. This helps them to improve their physical modeling skills, as well as to solidify their bonds as sophomore students as they practice working as teams.

The staff was highly impressed with the quality of the class, as they exceeded expectations.



FINAL PROJECT SAMPLES

Academic Development GRADUATION PROJECT

The final and most complex project for undergraduates, the GP undergoes various stages of work. Fall semester is mainly a macro scale groupwork project, while the following semester is mainly a zoomed in micro scale individual project that maintains the integrity and harmony with the rest of the group. The students finally present their work to an external internal jury who evaluates the final product.



GP DISCUSSION DAY

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 Asem 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

Anne Lacaton
Principal of Lacaton & Vassal Architects, France

6th International LafargeHolcim Forum for Sustainable Construction

Re-materializing 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; Lailla Iskander, former Minister of Urban Renewal and Informal Settlements, Egypt; Mitchell Joachim, New York University; Co-founder Terraflex ONE, USA; Francis Kéré, Principal of Kéré Architecture, Germany; Anne Lacaton, Principal of Lacaton & Vassal Architects, France; Rt Hon Simon Upton, Parliamentary Commissioner for the Environment, New Zealand.


- Changing paradigms: Materials for a world not yet built**
- Shifting the flows, 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 grown 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 Hebel, Germany; Presenters: Maarten Gien, Belgium; Marcella Hansch, Germany; Felix Hebel, Germany; Eva Pfannes, Netherlands; Phil Ross, USA; Stuart Smith, UK; Andreas Spies, Germany; Leon Van Passen, Netherlands; Respondents: Kai-Uwe Bergmann, Denmark; Vivian LoFress, USA.
- Moderators:** Marilyne Andersen & Guillaume Habert, Switzerland; Presenters: Loreta Castro, Mexico; Ruchi Choudhary, UK; Kelsuke Hanaki, Japan; Heba Abah Essam Khalil, Egypt; Stephen Lamb, South Africa; Serge Saldit, France; Mark Swillings, South Africa; Christoph Küller, Switzerland; Steffen Weidner, Germany; Respondents: Sheila Kennedy & Anuradha Mathur, USA.
- Moderators:** Anna Heringer, Austria; Philippe Block, Switzerland; Presenters: Achilles Achimbiabaw, Uganda; Imrad Ahmed, USA; Alpha Arango, USA; Alexandria Lallo, USA; Shrabanti Patara, India; Mariana Papescu, Switzerland; Martin Rauch, Austria; Anne Schlueter, Switzerland; Respondents: Benjamin Dillenburger, Switzerland; Rahul Srivastava, India.
- Moderators:** Karen Scrivener & Harry Guggler, Switzerland; Presenters: Yunus Ballim, South Africa; Elise Berodier, Switzerland; Bruce King, USA; Soamen Maky, India; Albert Pope, USA; Henri Van Damme, France; Chris Wise, UK; Yamei Zhang, China; Respondents: Sarah Graham, USA; Jane Werrick, 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 Camp Campus to explore the future of both the materials and construction industry. Seating is limited, you must register through the eventLink. Please arrive early with a digital/printed copy of your Ticket to reserve your seat. Doors close at 8:32 am sharp.

For any inquiries or for further information please contact us at:
Email: AUCForum2019@gmail.com
The American University in Cairo, 433, Avenue Nile, Cairo, Egypt, 11985.

جمعية المعماريين المصريين
والمركز الثقافي لساقية الصاوي
The Society of Egyptian Architects
& El Sawy Cultural Wheel

احتفالية ذكرى ميلاد المعماري العالمي / حسن فتحي

Anniversary of Birthday of the Architect / Hassan Fatehy

invitation دعوة عامة

حسن فتحي

حياة . منهجية

Hassan Fatehy

Life . Philosophy

يوم السبت الموافق 19/3/23 - قاعة الكلمة - انعقاد الندوة الساعة 1,3 مساءً
Saturday, 2019/3/23 - Hall of Word (El-Kelma) - 6:30 pm

المختصون في الحوار النقاشي: Speakers:

عمادة حسن فتحي للعمارة الإنسانية Hassan Fatehy Institute of Architecture for Humanity "HIAH"	د. إ. معماري / سيف الله النيا Dpl. Architect: SolAllah Alnaga President of SEA
منهجية الفكر Methodology of Thought	أ.د معماري أمال أحمد عبده Prof. Architect: Amal Abdou Former Head of Architecture Dept. Faculty of The Arts - Cairo
Arch. Shady Nady - المعماري / شادي نادي - علقة باريس - Branding the Oasis	المعماري / عمر الفاروق - منهجية التطبيق - Methodology of Practice

التعليق على الندوة: المعماري الجليل نبيل عالي
Flour speaker: Arch. Nabil Ghali - former AUA Vice President
مختص الندوة: د. إ. معماري / محمد عزمي
Rajou keynote: Arch. Mamdouh Azmy, SEA - Council Member

Keynote Speakers

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

 Biennale 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.

5 nights including:

 - Air Tickets

 - Accommodation

 - Breakfast

 - Transportation

 - Biennale Pass

19800 LE

triptovenice2018@gmail.com

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SOP2019

SUMMER OUTREACH

PROGRAM

CALL FOR APPLICANTS

FEB.2019



AET ANNUAL EXHIBITIONS

END OF ACADEMIC
YEAR ANNUAL
EXHIBITION



GRADUATE ENHANCEMENT



MED Green Forum – 5

5th MEDITERRANEAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2019

Architectural Engineering and Technology (AET) programme Students with Dr. Rainer Hinrichs-Rahlwes, Vice President of German Federation of Renewable Energy; Prof. Dr. Fernando Recalde, Chairman of MGF-5 Int'l Student Competition and Prof Dr. Aboulnaga at DIDA School of Architecture - UNIFI, Florence, Italy



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MED Green Forum – 5

5th MEDITERRANEAN GREEN BUILDINGS & RENEWABLE ENERGY FORUM 2019



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INTERNATIONAL EXPOSURE AS WELL AS COMMUNITY ORIENTED WORK



SOCIAL EVENTS



COORDINATION TEAM- ACADEMIC YEAR Since August 2018



AET SENIOR COORDINATOR
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**WELCOME
FROM THE AET FAMILY**

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