

**STAND OUT**



Norman Foster  
London SkyLine

**THINK GREEN**



Ken Yeang  
IBM Tower

**CRAFT THE DETAILS**



Antoni Gaudi  
Sagrada Familia

**GO ARTISTIC**



Sama Dubai  
Dubai Towers Dubai

# JOIN **AET**

**BECOME IMMORTAL**



The Pyramids

**BLEND WITH NATURE**

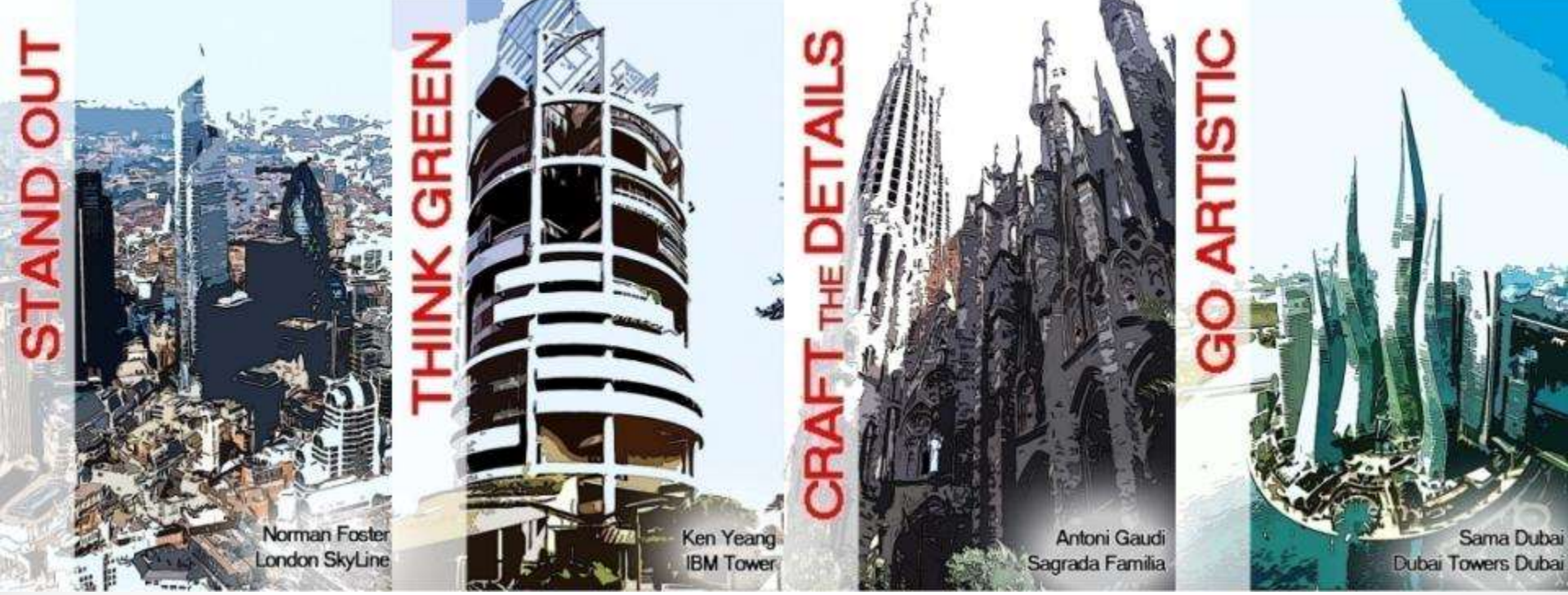


Frank Lloyd Wright  
House of Falling Waters

**MOVE TO THE BEAT**



David Fisher  
A Green Environmental Tower



**JOIN AET**

**A**RGHITECTURAL **E**NGINEERING & **T**ECHNOLOGY

هندسة وتكنولوجيا العمارة

# CHS Autonomous Programs

The Faculty of Engineering of Cairo University (CUFE) currently offers the following Bachelor Degrees based on the credit-hours system (CHS) of education:

## FALL 2006

- Electrical Engineering: Communication and Computer Engineering- CCE
- Civil Engineering: Construction Engineering and Management - CEM

## FALL 2007

## ▪ Architectural Engineering and Technology - AET

- Petroleum and Petrochemical Engineering - PPC
- Mechanical Engineering: Mechanical Design Engineering – MDE

## FALL 2008

- Civil Engineering: Structural Engineering - STE

## FALL 2009

- Civil Engineering: Water Engineering and Environment - WEE

## FALL 2013

- Electrical Energy Engineering - EEE

# SPECIALIZED PROGRAM



# 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.



# DESIGN





# CONSTRUCT



# CAREERS IN BUILDING

## PROFESSION PARADIGM CHANGE

DEVELOPMENT  
COMPANIES

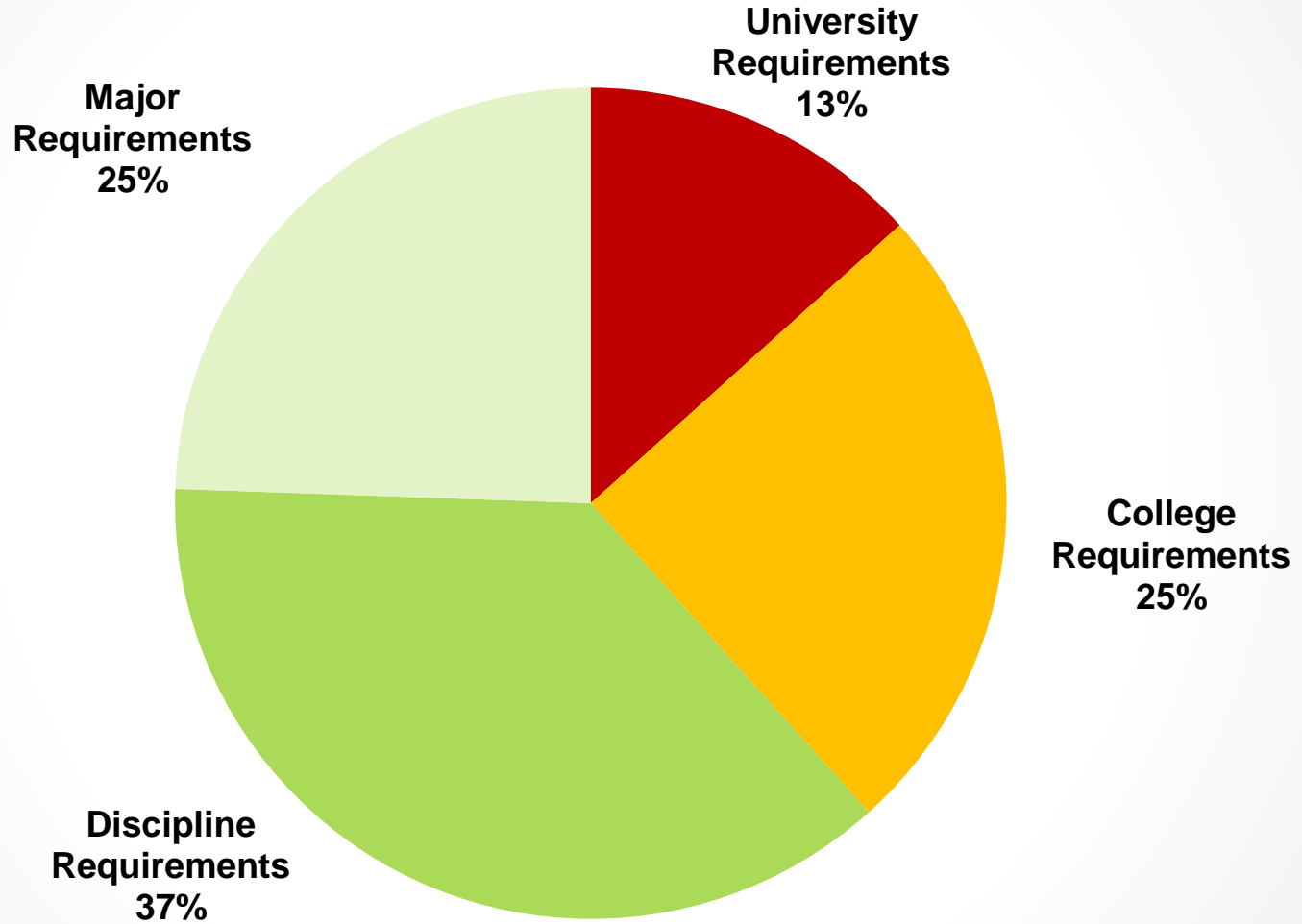
CONTRACTING  
COMPANIES

BUILDING  
MATERIAL  
INDUSTRY

ENGINEERING  
FIRMS

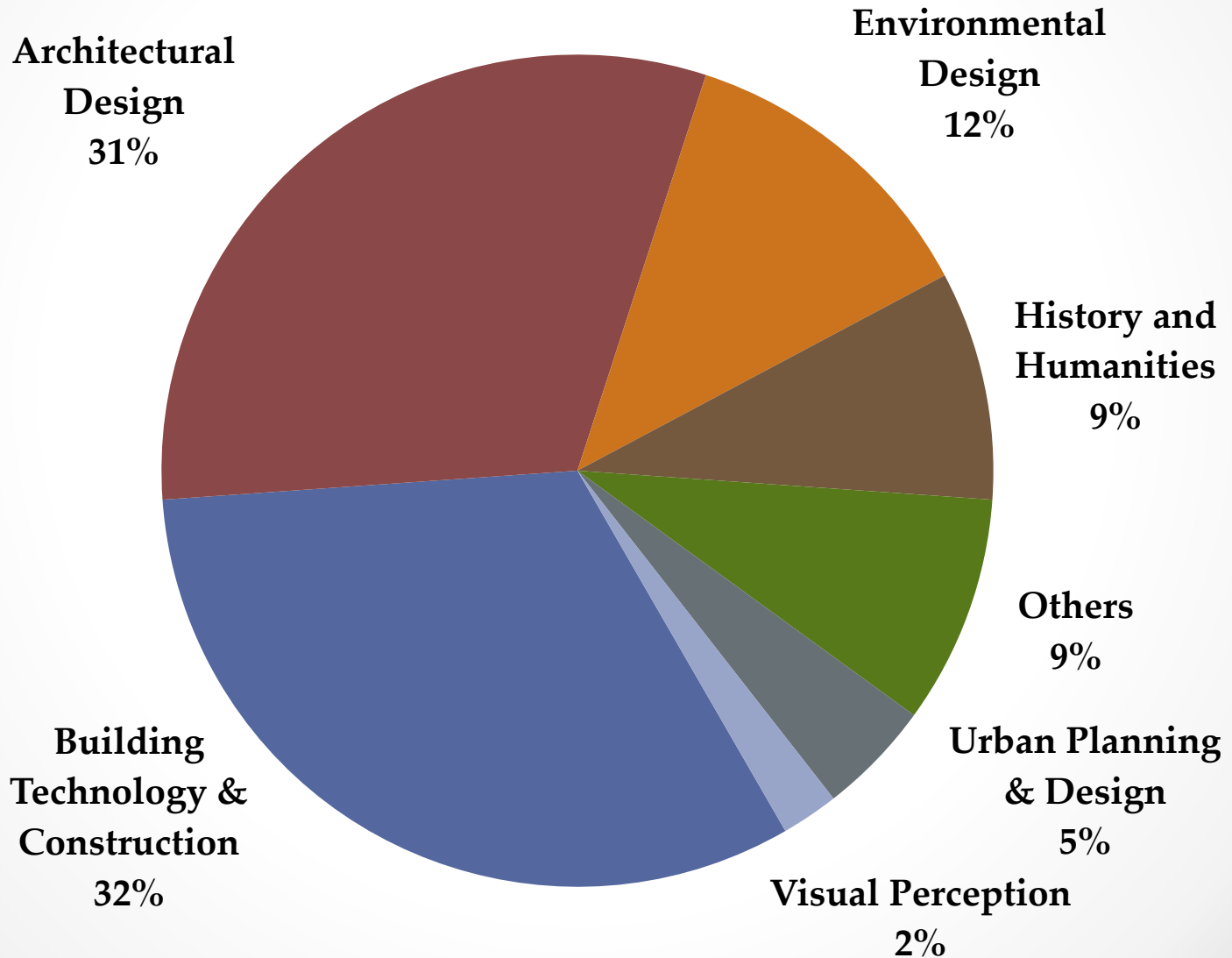


# WHAT'S NEW & SPECIAL ABOUT US



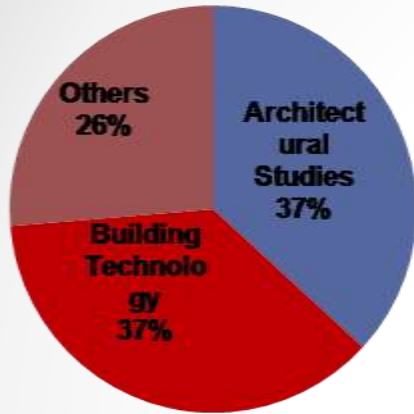


# SPECIALITY COURSES

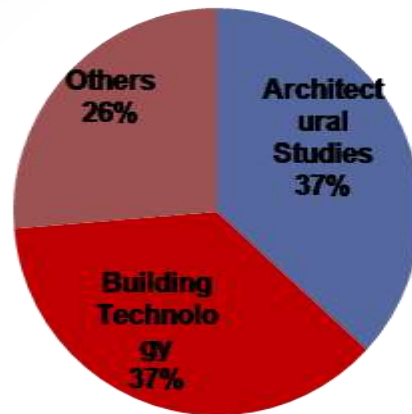


# SPECIALITY COURSES- NUMBER OF CREDITS/SEMESTER

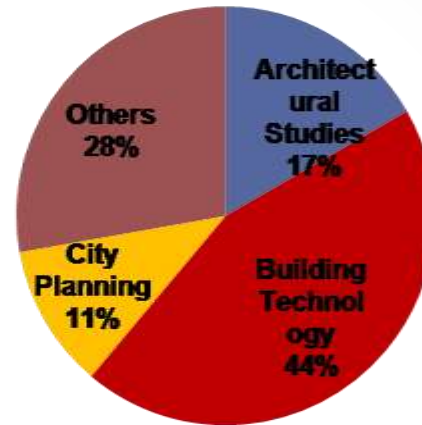
Sophomore-F



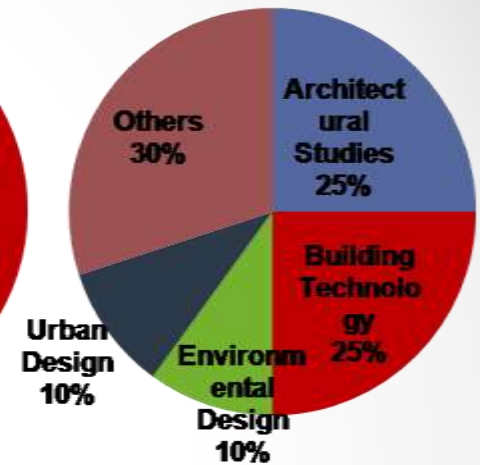
Sophomore-S



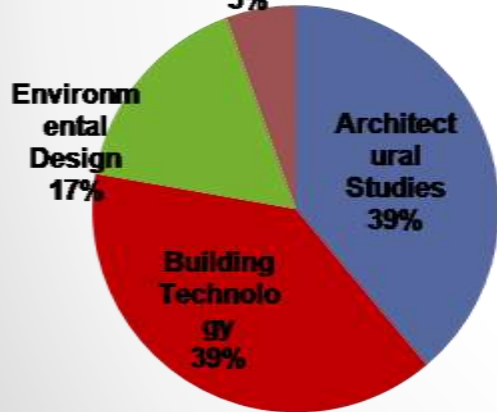
Junior-F



Junior-S

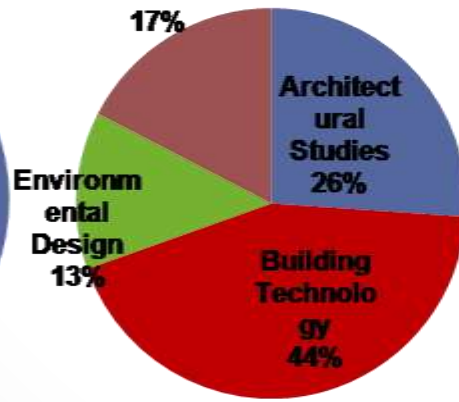


Others 5%



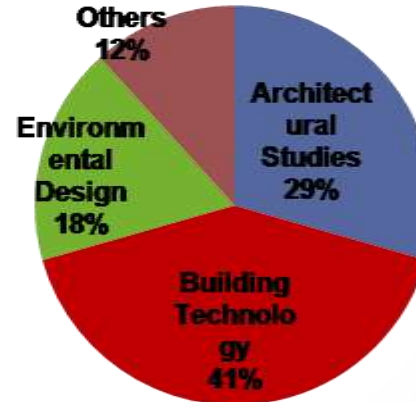
Senior1-F

Others 17%



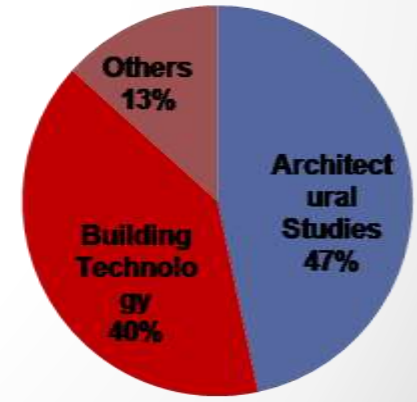
Senior1-S

Others 12%



Senior2-F

Others 13%



Senior2-S

**AET**

**COLLABORATION WITH  
INTERNATIONAL  
UNIVERSITIES**

**COLLABORATION WITH INTERNATIONAL UNIVERSITIES**

# SUMMER OUTREACH PROGRAMS



**AET students – Berkeley – USA – Summer 2010**

# SOP-Aim

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



# AET-SUMMER OUTREACH PROGRAM

**2010**

- UC Berkeley, **USA**. 22<sup>nd</sup> of June 23<sup>rd</sup> of July



**2011**

- St. John International University, Turin **ITALY**.



**2011**

- University of Lincoln Faculty of Arts and Arch., **UK**.

**2012**

- University of Lincoln Faculty of Arts and Arch., **UK**.



**2013- JUNIOR GAP YEAR**

**2014**

- Welsh School of Architecture, Cardiff University **UK**.

**2015**

- BAUHAUS, **GERMANY** & VENICE BIENNALE, **ITALY**.



**2016- University of Lincoln, UK**

**AET**

**SEEKING  
INTERNATIONAL  
ACCREDITATION**

# UNESCO-UIA Validation system



**The United Nations  
Educational, Scientific and  
Cultural Organization**



**INTERNATIONAL UNION OF  
ARCHITECTS**



# QUALITY ASSURANCE PROCEDURES

**2009**

- **LAST REVIEW REPORT**

FIRST  
GRADUATING  
CLASS

**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- CUFQ QUALITY ASSURANCE VISIT- NAQQAQ 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**

uia





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.**

***Congratulations on achieving UNESCO-UIA recognition of the AET programme***

in any place  
**ALL OVER THE WORLD**

Your **AET** degree is **RECOGNIZED**

You are eligible to **APPLY FOR REGISTRATION** as professional architect

Facilitating  
**PROFESSIONAL  
DEVELOPMENT**

Enhancing  
**WORKING  
LIFE**

Increasing  
**BETTER JOB  
OPPORTUNITIES**



**AET**

**STAKEHOLDERS  
COOPERATION  
& PARTICIPATION**

# AET GOING PUBLIC



AET REVIEW 2018

Faculty of Engineering  
Cairo University

uia  
AET Activities Committee

## PARTICIPANTS

Students, Parents, Alumni, Staff members & Stakeholders, AET 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

## AET RE-VIEW DAY S'013 & 015

لقاء ينظمه البرنامج بغرض التواصل وتبادل الآراء فيما يخص البرنامج ما بين طلاب البرنامج وخريجيه و أولياء الأمور و أعضاء من هيئة التدريس بالكلية والمهنيين من مجالات الهندسة والصناعة من المهتمين بالبرنامج.



AET RE-VIEW  
SPRING 2015

Participants:  
- All Faculty Members  
- All Students  
- All Staff Members  
- All Parents  
- All Alumni  
- All Stakeholders

Address:  
Faculty Club  
Faculty of Engineering  
Cairo University  
Cairo, Egypt

Date: 1st April 2018  
Time: 5:30 pm - 8:00 pm

Location:  
Faculty Club

AET TOWARDS INTERNATIONAL VALIDATION





**AET**

**DISTINGUISHED  
TEACHING  
EXPERIENCE**

# STUDIOS IN 20000 BLDG.

## SOPHOMORE STUDIO



## JUNIOR STUDIO



## SENIOR 1 STUDIO



## SENIOR 2 STUDIO



**STUDIO 1: Studio 1 - Level 1**

**SIMPLE RECTILINEAR - ONLY HORIZONTAL**

**CHARACTERISTICS**

- Direction: Only Horizontal
- Color: Only Primary
- Deconstruction: Only Horizontal
- Form: Only Rectilinear

**STUDIO 2: Studio 2 - Level 2**

**SIMPLE RECTILINEAR & PRIMARY COLORS**

**Primary Colors:** Red, Yellow, Blue

**Secondary Colors:** Orange, Green, Purple

**Color Palette:** A circular diagram showing the relationships between primary and secondary colors.

**STUDIO 3: Studio 3 - Level 3**

**RECTILINEAR & SECONDARY COLORS**

**Secondary Colors:** Orange, Green, Purple

**Color Palette:** A circular diagram showing the relationships between secondary colors.

**STUDIO 4: Studio 4 - Level 4**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.

**STUDIO 5: Studio 5 - Level 5**

**POLYCHROMATIC & 70S COLOR PALETTE**

**Color Palette:** A grid of vibrant, 70s-style colors.

**STUDIO 6: Studio 6 - Level 6**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.

**STUDIO 7: Studio 7 - Level 7**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.

**STUDIO 8: Studio 8 - Level 8**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.

**STUDIO 9: Studio 9 - Level 9**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.

**STUDIO 10: Studio 10 - Level 10**

**IRREGULAR GRID - DECONSTRUCTION**

**VERSUS SUBTLE NEUTRAL COLORS TO CREATE ULTIMATE CONTRAST**

**Color Palette:** A grid of neutral colors.



# COMMUNICATION DEVELOPMENT

## AET OFFICIAL ACADEMIC WEBSITE-MOODLE

Our AET Website  
<http://aet.mdl2.com/>



### Welcome to AET Moodle !!

AET Coordination Team (AET-CT) would like to welcome all AET-students to the AET new Moodle. Any advertisements by AET-CT or courses' instructors will be announced here.

**General 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@host.com*)

Main menu  
Site news

Navigation  
Home

- My home
- Site pages
- My profile
- My courses

Settings

- Front page settings
  - Turn editing on
  - Edit settings
  - Users
  - Filters
  - Backup
  - Restore
  - Question bank
- My profile settings
- Site administration

Calendar  
February 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Upcoming events  
There are no upcoming events  
[Go to calendar...](#)  
[New event...](#)

Search

### 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

### Staff can:

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

# LAUNCHING STUDENT UNION OF AET




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](mailto:su_aet@hotmail.com)

 SUAET

SUAET

## SENIOR 2



BELAL AHMED



ABDELRAHMAN



AHMED RASMY



YOUSEF ADEL

## SENIOR 1



ESRAA RASHWAN



ALAA AYMAN



YASSER KAMAL



YOMNA EMAD

## JUNIORS



MARIAM ELJAN



MARIAM TAREK



MUHAMMED MEDHAT



SEIF ABULSEOD

## SOPHOMORES



DAREEN SAIED



FATMA AMR



KAREEM ZEFZAF



MERNA WAEL

Fun

UTA

outings

workshops

SOP

Archive

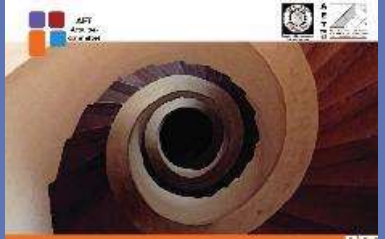




# EXTRA CURRICULAR ACTIVITIES

## Public Lectures & Seminars





**Open Lecture:**  
**Title : Adobe Architecture**  
**Sunday December 2nd @ 3pm**  
**5<sup>th</sup> Floor Building #3000**  
**Lecturer : Ingo Helmudag, Dipl. Ing. Arch.**  
 (DAMD Faculty)  
 Inv. Professor of Architecture




**"Vernacular Architecture"**  
 10:00 AM - 12:00 PM  
 Presented by:  
**Arch. Rami El-Dahan**  
 Sunday, 13th of January 2012  
 10:00 AM - 12:00 PM




Seminary  
 25th of March 2012  
**"New Horizon"**  
 College Club  
 Presented by:  
**Prof. Kamel Mahadin**  
 6:00 pm.



## Excursions & Site visits



**Port Said Field Trip**  
**5th May 2017**  
 Guided By: Dr. Mohamed Mahmoud - Dr. Tamer El-Serisy

**Meeting Point :** Infront of the main gate of Cairo University, Faculty of Engineering  
**Meeting Time :** Bus will arrive at 7:00 AM

**Program :**  
 7:00 AM Bus to Port Said  
 8:00 AM Arrival at Port Said  
 8:30 AM Breakfast at Port Said  
 9:00 AM Port Said Port  
 10:00 AM Port Said Port  
 11:00 AM Lunch at Port Said  
 12:00 PM Port Said Port  
 1:00 PM Port Said Port  
 2:00 PM Port Said Port  
 3:00 PM Port Said Port  
 4:00 PM Port Said Port  
 5:00 PM Port Said Port  
 6:00 PM Port Said Port  
 7:00 PM Port Said Port

**Important tips :**  
 1- Call you university ID card with you.  
 2- Keep you National ID Card with you.  
 3- Wear comfortable clothes and shoes.  
 4- Take care of your belongings and don't leave them unattended.  
 In Case you get lost or need help call :  
 -Hana El-Hana (SU member) : 0110711800 / 01203751729  
 -Nada Azzouq (SU member) : 0115723273  
 -Hana Shaban (SU member) : 01224563744  
 -Alma Ayman (SU member) : 01091844459



**Moez street & Fatimid cairo**  
**8th February 2017**  
 Guided by: Dr. Sherouk Wahba - Dr. Tamer Nour - Dr. Mohamed Mahmoud - Eng. Ahmed Shouf

**Meeting Point :** Infront of the main gate of Al-Husseini mosque  
**Meeting Time :** 9:30 AM

**Important tips :**  
 1- Get you university ID card with you  
 2- Get a scarf or veil with you to wear when entering Mosques.  
 3- Never consume alcohol or eat/drink.  
 4- Take care of your belongings and don't leave them unattended.

**In Case you get lost or need help call :**  
 -Hana El-Hana (SU member) : 0110711800 / 01203751729  
 -Nada Azzouq (SU member) : 0115723273  
 -Hana Shaban (SU member) : 01224563744  
 -Alma Ayman (SU member) : 01091844459

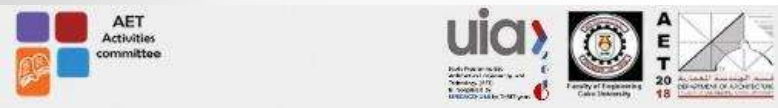



# AET ANNUAL EXHIBITIONS

END OF ACADEMIC YEAR  
ANNUAL EXHIBITION



# AET SCIENTIFIC CONFERENCE



**AET SCIENTIFIC CONFERENCE**  
**Spring 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**

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

**Location**

20307B



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

# For more info.:

Please contact :

[aetcoordinationteam@gmail.com](mailto:aetcoordinationteam@gmail.com); <http://aet.mdl2.com>

## COORDINATION TEAM- ACADEMIC YEAR 2018-19

**AET COORDINATOR 1**

**PROF. Heba Essam Khalil**

[hebatallah.khalil@gmail.com](mailto:hebatallah.khalil@gmail.com),

**AET COORDINATOR 2**

**Dr. Sherin Gammaz**

[sheringammaz79@hotmail.com](mailto:sheringammaz79@hotmail.com),

**AET COORDINATOR 3**

**Dr. Tamer Elserafi**

[tamerelserafi@gmail.com](mailto:tamerelserafi@gmail.com),

**AET IT COORDINATOR**

**Assoc. Prof. Mohamed Anwer**

[fagrof maz@yahoo.com](mailto:fagrof maz@yahoo.com),

**AET GP COORDINATOR**

**Assoc. Prof. Ahmed Mostafa**

[amaghaffar@gmail.com](mailto:amaghaffar@gmail.com)



**THANK YOU  
FOR  
YOUR  
ATTENTION**