

Newsletter

Semi-Annual Issue
Academic Year 2021-2022
Spring & Summer (2)

Ain Shams University
Faculty of Engineering
Education & Student Affairs Sector

Practical Field Training & Academic Activities



Signing Cooperation Protocols

In Education & Student Affairs Sector, we keep negotiating for signing cooperation more protocols to increase training opportunities offered by the faculty. Currently, we are working on two of them, SATY TUNED!

Practical Field Training Status

In Spring and Summer, 9498 completed training opportunities (6591 from Specialized Credit Hours Engineering Programs SCHEP, and 2907 from International Credit Hours Engineering Programs). Students were trained via (134) training providers supported by the Faculty, and (7803) training providers offered by students as private opportunities.

	Students passed these levels should complete specific training weeks			Total no. of students	Actual completed training opportunities
	Sophomore	Junior	Senior-1		
SCHEP	1606	1494	1001	4101	6591
ICHEP	552	559	567	1678	2907



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Email: viced.education@eng.asu.edu.eg

SINAI, EGYPT
ONLINE: 22th - 26th Aug.
ONSITE: 3rd - 10th Sep.

AVAILABLE IN
3 OR 6 ECTS MODULES





AluNile training (includes office work, site and factory) – Summer 2022

Training offered by the Faculty includes internal entities such as Smart & Future Cities Laboratory (SFCL), LUBAN workshops, Design Experimentation Lab (DElab), ASU Racing Team. External providers such as FIRST Group, ALUNILE, BETA Egypt, CISCO, SABBOUR Consulting, and Egyptian Electricity Transmission CO. (EETC), Hassan Allam, Telecom Egypt, ORASCOM, Egyptian Co. for Metro Management & Operation. Habiba Community Internship Program Training, American University in Cairo.



AluNile training (includes office work, site and factory) – Summer 2022



DElab: Genius loci annual academic competition Round two – Summer 2022 VR alcove competition (with CAD MASTERS & ASU VR lab)



New Cairo Water Station



Orasqualia Wastewater Treatment Plant



Ministry of Housing, Utilities and Urban Communities:
Regulating Drinking Water and Sanitation Institute

ASU Racing Team - Keeping up with the immensely accelerated innovation in automotive technology worldwide by researching, learning and applying this knowledge to revive the automotive industry in Egypt.



ASU AI WORKSHOPS

International Workshops such as REEDCOB Summer School, and Net Zero Carbon: Architecture and Landscape for Climate Emergency. Competitions offered/supervised by the Faculty such GENIUS Loci supported by DELab.



Egyptian Electricity Transmission CO. (EETC) - Summer 2022

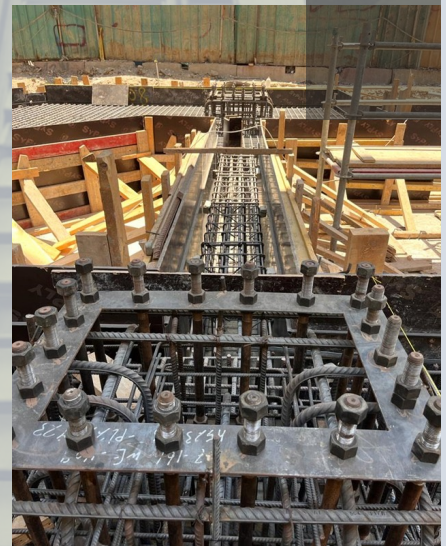




National Authority for Tunnels



LUBAN workshop training in the field of numerical processing machines and renewable energy, in addition to a competition for disassembling and installing a car engine in partnership with the Chinese University of Tianjin



Habiba Community Internship Program Training, American University in Cairo Agritourism and Educational hub for students from all over the world to visit and apply their research work for undergraduate studies.





Telecom
Egypt



we
المصرية للاتصالات

Net Zero Carbon:
Architecture and
Landscape for
Climate
Emergency (ALCE)
Summer School 17-
31 July 2022 in
London, UK.





Smart and Future Cities Laboratory for Sustainable Urban Solutions (SFCL) offered a training program includes 3D Fabrication and Build: Exercise Through the Construction of Furniture, Rhinoceros three-dimensional modeling (1) (round 1& round 2), Smart Home - Digital Fabrication.



Hassan Allam Training



Training Cycle on the Information Management System (IMS)

Training cycle on the information management system (IMS) has been developed and refined regarding operation's raised issues. An Annex was released to cover and state needed modifications to ensure quality of the process.

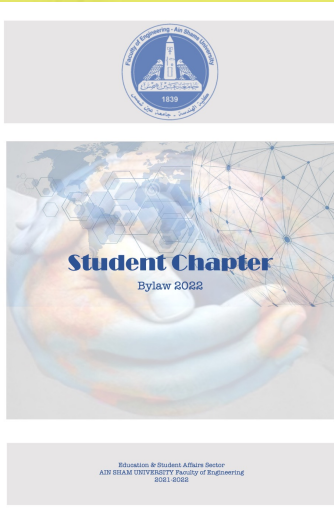
the ACADEMIC Activity: Student Chapter



American Society of Civil Engineers (ASCE) WORKSHOP Presidential Visit to ASCE Egypt Section, September 2022

A workshop was held on Wednesday, 14 September 2022, American University in Cairo. The day agenda included many activities, among these activities was the Student Chapters Presentation (American University in Cairo, Ain Shams University, German University in Cairo).

Student Chapter as a Systemic Entity



Student Chapter
Bylaw 2022

Students Chapter network in the Faculty is an independent entity as an academic activity with a direct reference to Education & Student Affairs Sector via student chapter coordinator.

https://eng.asu.edu.eg/services/student_chapter

Finally, a student chapter bylaw was released and approved by the Faculty Council Meeting in English & Arabic versions.

https://eng.asu.edu.eg/services/student_chapter/1240468



American Society of
Civil Engineers
(ASCE)
WORKSHOP
Presidential Visit
to ASCE Egypt
Section,
September 2022



Student Chapter Fact-finding Visit

A fact-finding visit was held on 26 October 2022 in order to explain the importance of student chapter as an international extracurricular activity and how it enhances the concept of being well-rounded. In addition to STUDENT CHAPTER bylaw orientation and presenting established STUDENT CHAPTERS' activities as well.



Educational
International
Extracurricular
Training-based

EVENT AGENDA

- STUDENT CHAPTER as an international extracurricular activity and how it enhances the concept of being well-rounded.
- STUDENT CHAPTER bylaw orientation.
- Established STUDENT CHAPTERS' activities presentation.

New pedagogical approaches in Higher Education coping with Generation Z

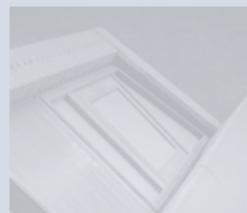
GENERATION Z
The Next Generation

- 1. SOCIAL: Gen Z is a culturally diverse and technologically savvy generation that grew up with mobile devices and social media.
- 2. MULTI-TASKERS: Gen Z prefers to work on multiple tasks at the same time. On average, Gen Z will work off of 8 screens at once.
- 3. ENTREPRENEURS: Gen Z is more entrepreneurial than any other generation. They are more likely to start their own business.
- 4. EDUCATED: Gen Z is the most educated generation to date. They are more likely to have a college degree.
- 5. PHILANTHROPISTS: Gen Z is more likely to donate to charity and volunteer than any other generation.
- 6. DIGITAL NATIVES: Gen Z is the first generation to grow up with digital technology. They are more likely to use digital devices than any other generation.
- 7. INTERACTIVE: Gen Z is more likely to interact with digital content than any other generation.
- 8. TECH SAVVY: Gen Z is more likely to use digital technology than any other generation.
- 9. LESS FOCUSED: Gen Z is more likely to be distracted than any other generation.
- 10. CAUTIOUS: Gen Z is more likely to be cautious than any other generation.



Established Student Chapters:

- Earthquake Engineering Research Institute (EERI) since 2017
- American Concrete Institute (ACI) 2021
- American Society for Civil Engineers (ASCE) since 2021
- American Institute of Architecture Students (AIAS) since 2022



The Status Quo

Beside the 4 established student chapters presented in the Fact-finding Visit (EERI, ACI, ASCE, and AIAS), there are 3 ongoing. Society of Automotive Engineers (SAE), Society of Piping Engineers and Designers (SPED), and Institute of Electrical and Electronics (IEEE).



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