

ORIENTATION SESSION

AET N281

Industrial Training (1)

AET N381

Industrial Training (2)

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AET – IT coordinator
May - 2021



About the Course

AET N281

Industrial Training (1)

Pass / Fail

1 credit (0+3)

Minimum Training period

90 hours

Ave. 3 – 4 weeks

Summer Semester

(One of the TWO courses)

AET N381

Industrial Training (2)

Pass / Fail

2 credit (0+6)

Minimum Training period

180 hours

Ave. 6 – 7 weeks

Summer Semester

(One of the TWO courses)



Course ILOs

AET N281

Industrial Training (1)

Choose relevant practices in engineering community and industry

Recognize practice standards, quality assurance, risk management, ethical and environmental issues

Acquire knowledge in contemporary engineering topics

Combine a variety of technical, economic, social, env. issues and risk management in analysis / design of real engineering problems

Identify characteristics of a good presentation process

Practice communication skills

Establish links with potential employers

Prepare and present reports in the area of expertise

AET N381

Industrial Training (2)

Explain and discuss design principles, professional ethics, social and env. issues, and other topics in engineering discipline

Combine and evaluate knowledge and skills from multiple engineering sources

Investigate real engineering problems considering economic, social, environmental issues and risk management in design.

Merge technical information in a professional manner

Prepare and present a comprehensive technical report

Practice communication skills and ICT skills

Effectively manage tasks, time and resources

Search for relevant literature in the area of expertise

Pre-requisites

AET N281

Industrial Training (1)

Completion of **70** Credit
hours
+
Academic Advisor Approval
AAA

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Industrial Training (2)

AET 281
+
Academic Advisor Approval
AAA



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Industrial Training (1)

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Industrial Training (2)

Training Institutes

Training Places

Consultancy
companies /
offices

الشركات والمكاتب
الاستشارية

فرص للتدريب في أعمال
التصميم المعماري وإعداد
مستندات التنفيذ

Contracting
Companies

شركات المقاولات

فرص للتدريب في أعمال
الإنشاءات والتنفيذ في
الموقع

Real Estate
companies

شركات الاستثمار العقاري

فرص للتدريب في مجال
التخطيط العمراني
والإسكان (تصميم/تنفيذ)

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Industrial Training (2)

- Student has to distribute IT1 and IT2 on two different categories of training places.
- This is important to enhance his experience.
- It is preferable to do the training in different places:
 - 1) Large scale company + Small size office.
 - 2) Office work + Site Work.
 - 3) Inside Egypt + Abroad.



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Evaluation Process

Evaluation Process



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Industrial Training (1)

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Industrial Training (2)

Submission of JURY document

1st week of September
(Date will be verified and announced later))

IT Certificate

IT experience Technical Report

IT experience Presentation

Samples of work progressed by the student



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Industrial Training (2)

JURY

JURY

External
Examiner



Internal
Examiner



IT
Coordinator



AET N281

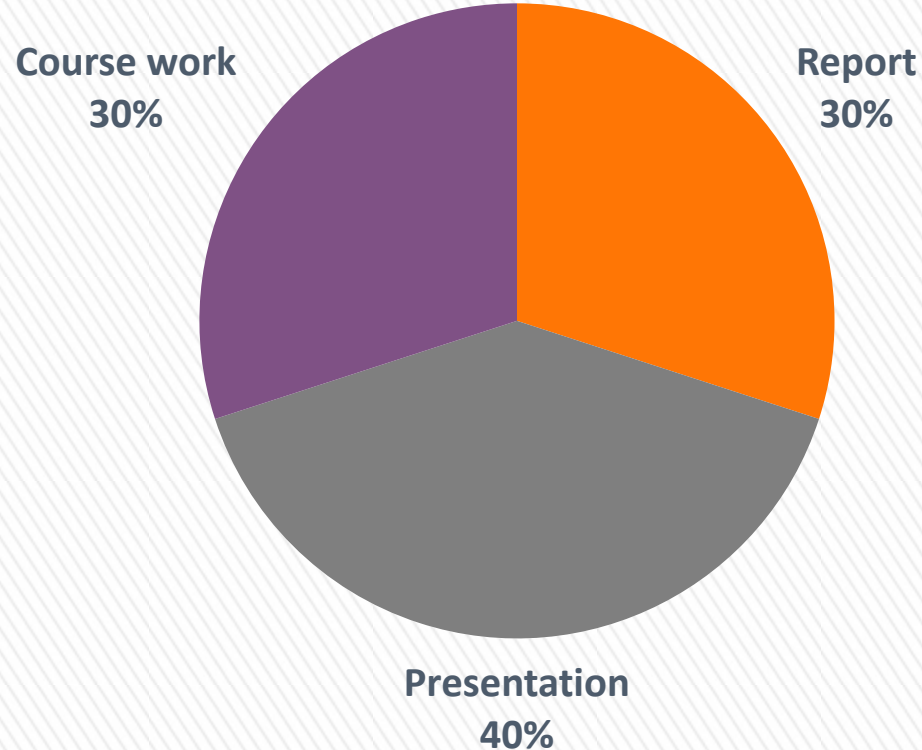
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Industrial Training (2)

GRADING

GRADING



WITH ALL BEST WISHES

Prof. Mohamed Anwer Zayed
May - 2021

