

خطة الدورات التدريبية لكلية الهندسة خلال الفصل الثاني 1441 هـ

College of Engineering training courses plan in the second semester 1441 H

| No | Title | The presented | Date | No. of student | Targeted students |
|----|--|--|---------------------------------|----------------|-------------------------------------|
| 1 | Aspdin Retain | Engr. Saiful Islam (Civil Depart.) | 4-5 February | 20 | Level 8-10 |
| 2 | Flac 3D | Engr.Saiful Islam (Civil Depart.) | 16-17 February | 20 | Level 8-10 |
| 3 | Mendeley Desktop | Engr.Roohul Abad Khan (Civil Depart.) | 27 & 29 January | 25 | Level 8-10 |
| 4 | Design and simulation of a network of water distribution using the software Epanet 2.0 | Dr. Hamdi Ayed (Civil Depart.) | 18 February | 20 | Level 5-7 |
| 5 | Application of the "Ms-Project" software for the study of construction management | Dr. Hamdi Ayed (Civil Depart.) | 24 March | 20 | Level 5-7 |
| 6 | Ground Water Pollution | Dr. Mohd Abul Hasan (Civil Depart.) | 18 , 19th March | 15 | Level 8-10 |
| 7 | ArcHydro: Hydrological analysis | Dr Javed Mallick (Civil Depart.) | 02nd April | 15 | Level 8-10 |
| 8 | Design of a Multi storey steel building using Robot Structural Analysis Professional | Dr Mohamed Hechmi El ouni (Civil Depart.) | 16th & 18th February | 20 | Level 9-10 |
| 9 | Vibration control of structures | Dr Mohamed Hechmi El ouni (Civil Depart.) | 1st March | 40 | Level 3-10 |
| 10 | Analysis and Design of structures using STAAD-pro | Dr. Sivakumar (Civil Depart.) | 2nd March | 25 | Level 8-10 |
| 11 | Introduction to Offshore Oil and Gas platforms | Dr. Jameel (Civil Depart.) | 18 Feb | 20 | Level 9-10 |
| 12 | Marine Pipeline Engineering | Dr. Jameel (Civil Depart.) | 3rd March | 20 | Level 8-10 |
| 13 | Introduction to Tekla software | Dr. MondherWali Dr. Fahmi (Mechanical Depart.) | 10/02/2020 and 17/02/2020 | 20 | Level 9-10 For civil students |
| 14 | Gas Turbine Engines (Components and Operation) | Dr. Mostafa Abdelmohimen (Mechanical Depart.) | 09/03/2020 and 11/03/2020 | 20 | Lv 9 , 10 ME |
| 15 | Origine Software : demonstration end uses | Dr. Mohamed Abdelbasset (Mechanical Depart.) | 05/03/2020 | 10 | Lv 9, 10 ME |
| 16 | Environmental Impacts of Desalination Plants | Dr. Ahamed Saleel C (Mechanical Depart.) | 01/03/2020 | 20 | Lev 7 and above |
| 17 | Using Microsoft Excel for Mechanical Engineering Applications | Dr. Baiumy Elasaal | 9-11/2/2020 | 20 | Level 10 |
| 18 | NANOMATERIALS AND NANOTECHNOLOGY | Dr. Bahaa Mostafa | 2020/3/10 | 20 | All levels |
| 19 | The programming language Fortran for the simulation of mechanical applications. | Dr. Faouzi askri | 11/3/2020 From 18pm- 21pm | 30 | From Level 7 |
| 20 | Design of Solar Thermal Systems – Calculation Methods | Dr. Mohamed Ali Merghni | 19-02-2020 | 20 | Lv 8,9,10 ME |
| 21 | Heat treatment of metals and alloys | Dr. Mohammed Abdulaziz | 1/3/2020 | 30 | Level 9-10 |
| 22 | Thermal Analysis using FEA | Dr. IrfanAnjum B Magami | 23/03/2020 | 10 | Mechanical Engineering |
| 23 | Decision Making | Dr. Mohamed Qureshi (Industrial Depart.) | 1-1/03/2019 | 40 | All IE |
| 24 | Robot | Dr. Rahamthulla Baig (Industrial Depart.) | 8-9/03/2019 | 40 | All IE |

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|----|--|---|--|----|---|
| 25 | Quality Tools | Dr. Shaik Dawood (Industrial Depart.) | 15- 16/03/2019 | 40 | All IE |
| 26 | Ergonomics | Dr Zulqarnain (Industrial Depart.) | 22- 23/03/2019 | 40 | All IE |
| 27 | Over view of Project Management Professional(PMP) | Dr. Elfatih Abdelrahman (Electrical Depart.) | 24-26 Feb 2020 | 50 | 4 th and 5 th year |
| 28 | RTL Design using Verilog HDL | Dr. Neeraj Kumar Engr. Mohammed Abdul Muqet (Electrical Depart.) | 02, 04- 05/03/2020 | 20 | Level 6 and Above |
| 29 | E-R Model to Relational Schema Using SQL | Eng.Salman Arafath Mohammed(Electrical Depart.) | 17-2-2020 & 19-2- 2020(Wed) | 25 | Level 9 and Level 10 |
| 30 | Using DEBUG on 32-bit and 64-bit Machines | Eng.Salman Arafath Mohammed (Electrical Depart.) | 5-2-2020& 6-2-2020 And 12-2-2020 13-2-2020 | 25 | Level 6 to 10 |
| 31 | Water Desalination | Eng. Abubakr Mustafa Elkhaleefa (Chemical Depart.) | 18/02/2020 | 25 | 6 and up CHE |
| 32 | Concept and applications of Chemical Engineering | Dr. Moutaz Mustafa Eldirderi (Chemical Depart.) | 25/02/2020 | 25 | All CHE |
| 33 | Urban heat island effect of Abha-Khamis in the Asir Region | Dr. Mohammad Arshad Nadir (Chemical Depart.) | 03/03/2020 | 25 | 6 and up CHE |
| 34 | Electrochemistry for green environment | Dr. Varaguna Pandiyan (Chemical Depart.) | 10/03/2020 | 25 | 6 and up CHE |
| 35 | Application of Excel in chemical engineering | Eng. Mamoon Rashid (Chemical Depart.) | 17/03/2020 | 25 | 6 and up CHE |
| 36 | Material balances for a capstone design project | Eng. Mohd Kaffel Abdu Waheed (Chemical Depart.) | 24/03/2020 | 25 | 6 and up CHE |
| 37 | Application of computer for Chemical Engineers | Dr. Haitham Abdelghafar Osman (Chemical Depart.) | 31/03/2020 | 25 | 6 and up CHE |
| 38 | Building Information Model (BIM) | Dr. Wael Aboneama (Archit. & Planning Depart.) | 29/2/2020& 1/3/2020 | 20 | All ARC students |
| 39 | Architecture Model Making | Eng. Ahmed Al-Zoaby (Archit. & Planning Depart.) | 11- 13/2/2020 | 20 | All ARC students |
| 40 | AutoCAD technical workshop for building components and their specifications for architectural students | Eng. Farahat Ali (Archit. & Planning Depart.) | 4-5/3/2020 | 20 | All ARC students |