

Dear Sir,

SA-International Technical training services has been appointed by the **American University in Cairo** to offer programs in **ENGINEERING tracks namely ASME, PMP, CAEN, MPEN, INDE** and others approved by SA-International and relevant to the Engineering industry as the API courses. Therefore, we were nominated to provide training to several Oil & Industrial Companies such as: ‘AGIBA, KHALDA, EGYPTIAN PETROCHEMICAL, MIDOR, PETRO-GULF ... ETC’

**Our company provides intensive courses in these specialization areas:**

1. **MECHANICAL POWER ENGINEERING**
2. **CONSTRUCTION ENGINEERING**
3. **TESTING AND QUALITY CONTROL**
4. **INDUSTRIAL ENGINEERING**
5. **ENGINEERING MATERIALS AND MANUFACTURING**
6. **CORROSION ENGINEERING AND FAILURE ANALYSIS**
7. **COMPUTER APPLICATIONS ENGINEERING**
8. **BIOMEDICAL SCIENCES**
9. **GENERAL ENGINEERING COURSES**

**1-MECHANICAL POWER ENGINEERING (MPEN) such as:**

- ASME-PV-P01 (ASME Section VIII Division 1 Design and Fabrication for Pressure Vessels)
- ASME ENPD 02 (PROJECT MANAGEMENT FOR ENGINEERS AND TECHNICAL PROFESSIONAL)
- ASME PV-P 02 (ASME SECTION VIII DIVISION 2)
- ASME PV-P 04( ASME Section IX Welding and Brazing)
- ASME PV-P 06 (B 31.1 POWER PIPING DESIGN AND FABRICATION)
- ASME ENPD 06( Inspection Based Risk (IBR))
- ASME PV-P03(REPAIR AND ALTERATION OF PRESSURE VESSELS)
- ASME PV-P07(ASME B 31.3Process Piping)
- ASME PV-P08 (B 31.8 GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS)
- ASME ENPD01(Selection and Operation of Pump for Petroleum Facilities2)
- MPEN-010( HEAT EXCHANGERS DESIGN)
- MPEN-013 (VIBRATION –BASED PREDICTIVE MAINTENANCE)..... ETC’

**2-CONSTRUCTION ENGINEERING (CONE) such as:**

- INDE-046: RISK ASSESSMENT AND MANAGEMENT FOR ENGINEERS
- CAEN-012: PRIMAVERA PROJECT MANAGEMENT: (LEVEL 1)
- CAEN-011: PRIMAVERA PROJECT MANAGEMENT: (LEVEL II)
- CONE-006: ENGINEERING PROJECTS PLANNING AND CONTROL
- CONE-020: TESTING AND QUALITY CONTROL OF CONCRETE

- CONE-027: TENDERING PROCEDURES AND TENDRING STRATEGIES
- CONE-001: COST CONTROL OF ENGINEERING PROJECTS
- CONE-046: DESIGN AND DETALING OF R.C. ELEMENTS ACCORDING TO THE EGYPTIAN CODE 2007
- CONE-047: DESIGN OF STEEL STRUCTURES IN ACCORDANCE WITH EGYPTIAN SPECIFICATIONS FOR STRUCTURAL BUILDINGS
- INDE-053: TOTAL PROJECT MANAGEMENT: (LEVEL I)
- INDE-069: TOTAL PROJECT MANAGEMENT: (LEVEL II)
- INDE-052: COST MANAGEMENT FOR ENGINEERS ..... ETC''

### **3-TESTING AND QUALITY CONTROL (TQLC)**

- TQLC-SA-07-01(QUALITY CONTROL AND MECHANICAL TESTING OF ENGINEERING MATERIALS
- TQLC-SA-07-02 (WELDING DESIGN)
- TQLC-SA-07-03 (WELDING CODES AND WELDING QUALIFICATION)
- TQLC-SA-07-04 (QUALITY ASSURANCE PROGRAM AUDITING) ..... ETC''

### **4-INDUSTRIAL ENGINEERING (INDE )**

- PLANNING OF MAINTENANCE OPERATIONS)
- RELIABILITY CENTERED MAINTENANCE IMPLEMENTATION
- PLANNING FOR ENGINEERS
- PROJRAMMABLE LOGIC CONTROLLER "PLC" ADVANCED COURSE) ..... ETC''

### **5-ENGINEERING MATERIALS AND MANUFACTURING (ENMM)**

- MATERIALS CONTROL FOR ENGINEERS
- HEAT EXCHANGERS DESIGN
- FLUID POWER PUMPS AND MOTORS ..... ETC''

### **6-CORROSION ENGINEERING AND FAILURE ANALYSIS (CEFA)**

- CORROSION CONTROL BY CATHOD PROTECTION
- SURFACE HARDENING OF STEEL
- FAILURE OF MECHANICAL COMPONENT: ANALYSIS AND PREVENTION ..... ETC''

### **7-COMPUTER APPLICATIONS ENGINEERING (CAEN)**

- MICROSOFT NETWORKING SYSTEM ENGINEERING
- COMPUTER APPLICATION IN DESIGN MAKING..... ETC''

## **8-BIOMEDICAL SCIENCES (BIMD)**

- QUALITY ASSURANCE AND CONTROL (QA/QC) IN PHARMACEUTICAL AND BIOMEDICAL INDUSTRIES
- HEALTH-SAFETY –ENVIRONMENT ( HSE)\_MANAGEMENT FOR ENGINEERS

## **9-GENERAL ENGINEERING COURSES**

- IT PROJECT PERFORMANCE MANAGEMENT AND APPRAISAL
- DATA BASE MANAGEMENT
- MANAGERIAL AND LEADERSHIP DEVELOPMENT..... ETC''

For more details, please visit our website [www.sa-egypt.org](http://www.sa-egypt.org)

Thank you in advance.

Best regards,

Abdelnaby A.Ali

**Managing Director**



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