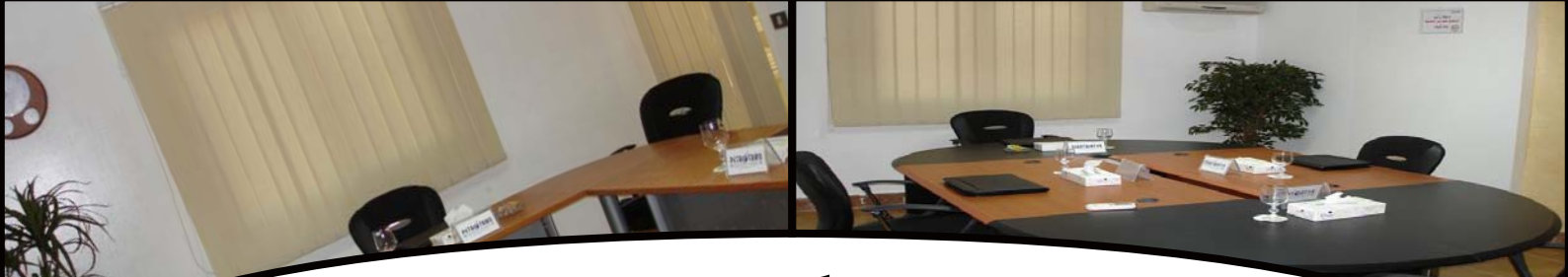




S.C.A

Solution & Consultation Academy

S o l u t i o n & C o n s u l t a t i o n A c a d e m y



Solution & Consultation Academy

Introduction

Solution & Consultation Academy” SCA” is consulting firm, privately – held stock company founded under the Egyptian law. The main office is located at **201,26july street, sphinx sq. Elmohandssen Cairo** Egypt, “SCA” is one of the most active and fastest-growing .

Our strength is in the development and implementation of results-oriented and sustainable strategic change initiatives that enable firms and organizations to achieve their goals and objectives.

Through our interactive, working-partner style, we focus on top management level concerns, helping businesses initiate change and harvest the benefits, whether it's through improving overall operations or transforming the enterprise. Through collaboration and teamwork, our consultants impeccably integrate strategy and business technology to help you meet your business goals.

"SCA" also specialist in information technology (IT) and management professionals. We offer a broad array of hands-on IT, project management, and professional skills training featuring proprietary core and custom curriculum, to turn knowledge into productivity for employees, customers, and channel partners.

Our Mission

Our mission to help you generate rapid and sustainable business improvement. We promise to be relentless in our mutual pursuit of your goal of best in class performance. Let our energy, experience and passion for excellence drive your success.

Our Vision

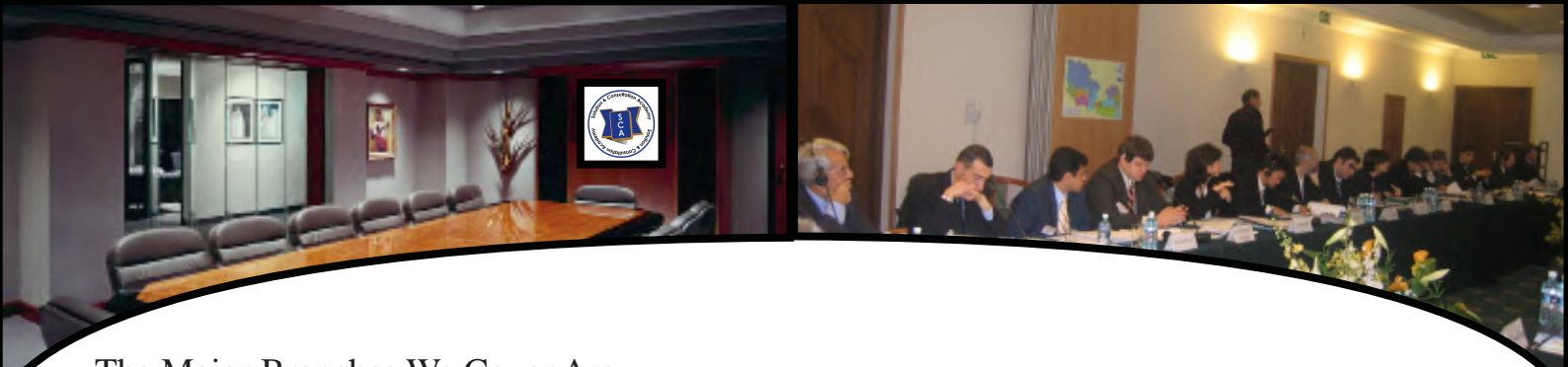
To help clients enhance bottom-line results by bringing out the greatness in their people through management training and contribute to the improvement of professional competencies of Arab workforce to enable them to cope with the challenges of the globalization and competitive environment

Our directory covers a wide range of topics, such as, human resources, management and leadership, personal & professional development, business, accounting and finance, organizational, safety, sales & marketing, manufacturing, industrial, computer programming and computer application skills, and many other topics. SCA is a promising organization in the fields of:

► Training

Consultation

Projects



The Major Branches We Cover Are

- ▶ Exploration(Geology & geophysics)
- ▶ Drilling
- ▶ Petroleum engineering
- ▶ Production
- ▶ Gas technology
- ▶ Oil Refinery & petrochemical technology
- ▶ HSE " Health and Safety Environment
- ▶ Maintenance (Mechanical; Electrical & Instrumentation)
- ▶ Management and Financial Programs
- ▶ IT programs



Training Department

Mobile : 002 01142323104

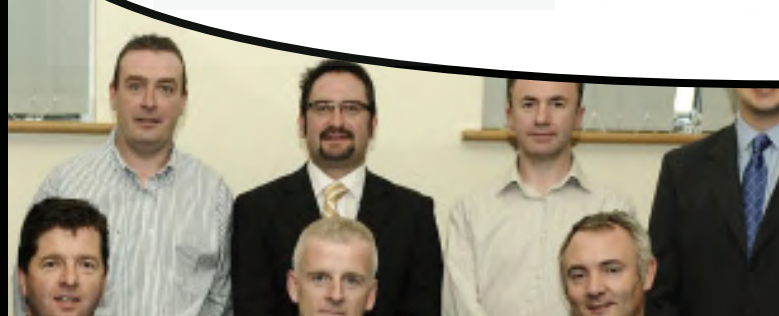
Mobile : 002 01223533248

Tel : 002 02 33049376

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Website: www.scaeg.com

E-mail : info@scaeg.com



Solution & Consultation Academy



General Management



Code	Courses Title	Days
GM01	Managing Performance for Improvement	5
GM02	Team Work & Team Building	5
GM03	Customer Services Managers	5
GM04	Effective Negotiation, Persuasion & Critical Thinking: The Professional Negotiator	5
GM05	Managing & Realizing Business Needs & Opportunities	5
GM06	Performance Management : Setting and Measuring Objectives	5
GM07	Simplification of Work Processes & Procedures	5
GM08	<i>Strategic Planning & Goal Setting: Setting Business Goals, Targets & Deliverables</i>	5
GM09	Managing Conflict and How to Deal with Difficult People	5
GM10	Communication & Interpersonal Skills	5
GM11	Managing Multiple Tasks, Priorities & Deadlines	5
GM12	Developing Senior Management Business Development Skills	5
GM13	Managing & Motivating Towards Excellence : Skills, Competencies, Traits & Techniques	5
GM14	Technical Report Writing	5
GM15	Personal Effectiveness & Influencing Skills: Communicate, Negotiate, Influence & Persuade	5
GM16	Conflict and Attitude Management	5
GM17	Advanced Supervisory Skills	10
GM18	Time Management & Delegation	5
GM19	Strategy Building & Sustaining Competitive Advantage	5
GM20	Lean Six Sigma Green Belt Program	5
GM21	Time Management & Stress	5
GM22	Management Skills for New Managers	5
GM23	Technical Specifications and Evaluating Proposals	5
GM24	Performance Management and Appraisal	5
GM25	Building High Performance Team	5
GM26	Strategic Crises Management for Professionals	5
GM27	Buisness Planning and Forecasting	5
GM28	Marketing Skills	5
GM29	Event Management Specialist & Save Cost	5

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Leadership



Code	Courses Title	Days
LDS01	Emotional Intelligence Achieving Leadership Success	5
LDS02	Emotional Intelligence Achieving Leadership Success	5
LDS03	Leadership Skills : Building Success Through Teamwork	5
LDS04	Task Leadership Skills	5
LDS05	Effective Organizational Leadership"	5
LDS06	Strategic Planning for Organizational Success	5
LDS07	Strategic Thinking and Business Planning	5
LDS08	Effective Business Analysis , Decision Making & Developing Strategy	5
LDS09	Building High Performance Team	5
LDS10	Advanced Leadership Skills	5
LDS11	Leadership and Team Development for Managerial Success	5
LDS12	Self-Awareness Program For Leaders	5
LDS13	Advanced Leadership Communication Strategies	5
LDS14	Mastering Change	5
LDS15	From Management to Leadership	5
LDS16	Strategy and Strategic Planning	5
LDS17	Problem Solving & Decision Making	5
LDS18	How to Negotiate, Influence & Deliver	5
LDS19	Results Developing Business & Leadership Skills	5
LDS20	Dealing with Conflict & Difficult People	5
LDS21	Leadership Skills for Supervisors	5
LDS22	Motivation ,Delegation and Problem Solving	5
LDS23	Motivation ,Delegation and Problem Solving	5
LDS24	Maximizing Leadership Potential	5
LDS25	Management of Impression & Difficult People	5
LDS26	Developing Leaders for Business Impact	5
LDS27	Executive Coaching for Leadership Development	5



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Human Resource

Code	Courses Title	Days
HR01	Advanced Selection, Interviewing & Recruitment Skills	5
HR02	Career Development & Succession Planning	5
HR03	Effective Performance Management	5
HR04	Performance Management, Setting Objectives, and KPIs	5
HR05	Advanced Human Resources Management	5
HR06	Essential Skills for the HR Professional	5
HR07	Job Evaluation & Analysis	5
HR08	Training Needs Analysis & Identification	5
HR09	Train the Trainer	5
HR10	Compliance and Business Ethics	5
HR11	Modern HR Management Strategies	5
HR12	Advanced Compensation Management	5
HR13	Advanced Program for Qualifying Training Specialist	5
HR14	HRD & Personnel Management	5
HR15	Enhancing Job Performance: Skills for Achieving Personal and Organisational Goals	5
HR16	Writing Effective Policies & Procedures	5
HR17	Managing and Coordinating Training	5
HR18	New Aspects in HRD	5
HR19	Organization Manpower Structure & Job Description	5
HR20	Effective Performance Appraisal	5
HR21	SAP HR	5
HR22	Essential Skills for Effective Training Administration	5
		5

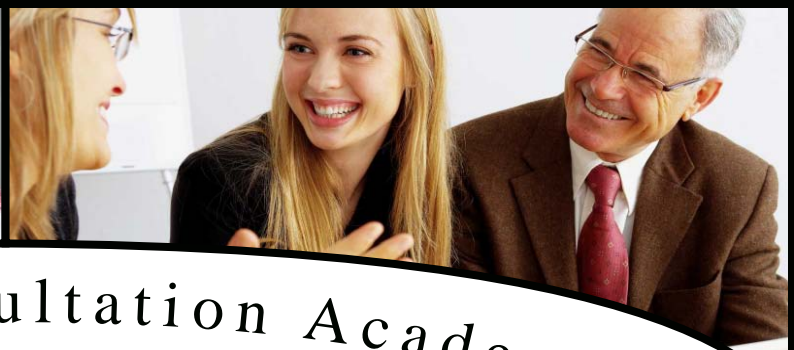




Office Management & Public Relation



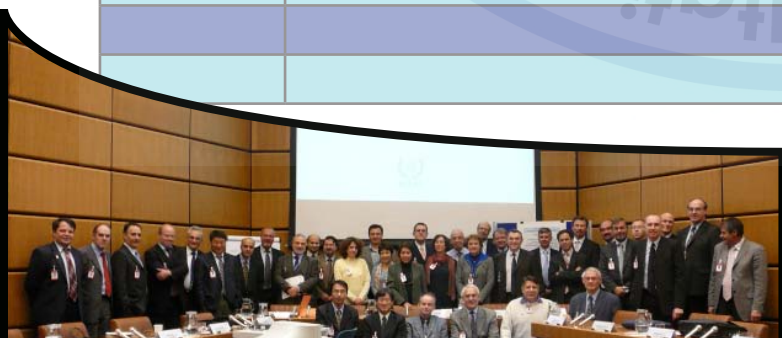
Code	Courses Title	Days
OPR01	Managirial Skills for Office Managers	5
OPR02	Advanced Public Relations	5
OPR03	Professional Development for Executive Secretary and Administrative Assistant	5
OPR04	Effective Administration Skills	5
OPR05	Organizing & Managing Meetings	5
OPR06	Writing Performance Appraisal Reports	5
OPR07	Master Class for Executive Secretaries, PAS & Administrative	5
OPR08	Computer-Based Office Administration and Organization	5
OPR09	Managing Top Management Offices	5
OPR10	Hospitality Events and Conferences Management	5
OPR11	Public Relations Building, Developing and Maintaining	5
OPR12	Administrator Accomplished Office	5
OPR13	Executives Secretaries Skills	5
OPR14	The Executive Assistant /Personal Assistant Masterclass	5
OPR15	How to Excel in Secretarial Work and Managing Offices	10
OPR16	Archiving And Filing	5
OPR17	Advanced Office Management & Effective Administration Skills	10
OPR18	Secretarial Work and Effective Communication	5
OPR19	Finance and Accounting for Office Administrators & Secretaries Workshop	10
OPR20	Develop the Skills of Secretarial Services, Housing	5
OPR21	Advanced Office Management	5
OPR22	Management Skills for Administrative Professionals	5
OPR23	Documents Control	5
OPR24	Critical competencies for Administrators & Secretaries	5
OPR25	Methods of Using Modern Technology in Administration	5
OPR26	Modern Technology to Manage the Public Offices and Art Meet	5
OPR27	Excellence in Secretaries& Office Managers	5
OPR28	Certified Administration and Office Management Professional	5
OPR29	The Highly Productive and Effective Administrator	5



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Project Management

Code	Courses Title	Days
PRM01	Basic Project Management	5
PRM02	Effective Project Risk Management	5
PRM03	Project Planning Scheduling & Control	5
PRM04	Advanced Project Management	5
PRM05	Advanced Capital Project Evaluation & Decision Making	5
PRM06	Cost Estimation	5
PRM07	Project Management Skills	5
PRM08	Managing Project Teams	5
PRM09	Managing Time & Cost of Project	5
PRM10	Strategic Project Management	5
PRM11	Project Quality Management	5
PRM12	Project Team Leadership	5
PRM13	Preparation & Execution of Feasibility Studies	5
PRM14	Technical Project Management	5
PRM15	Building Maintenance and Renovation	5
PRM16	Technical Specifications and Evaluating Proposals	5
PRM17	Registration and Classification of Contractors	5
PRM18	Advanced Contract Management with Expedition & Project Control	5
PRM19	Cost Reduction Technique	5
PRM20	Project Finance	5
PRM21	Contracts & Project Management	5
PRM22	Business Process Analysis & Modeling	10
PRM23	Competencies of Project Management	5
PRM24	Project Budgeting and Estimating	5





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Purchasing, Inventory & Contracting



Code	Courses Title	Days
PIC01	Certified Purchasing Professional"CPP"	5
PIC02	Certified Purchasing Professional Manager"CPPM"	5
PIC03	Advanced Contract Management	5
PIC04	FIDIC	5
PIC05	Tendering& Management Contract	5
PIC06	Contract Administration from A to Z	5
PIC07	Contract Writing, Planning and Management	5
PIC08	Warehouses and Stock Control	5
PIC09	The Effective Buyer	5
PIC10	Logistics & Transportation Techniques	5
PIC11	The Pillars of Procurement Management Strategy , Planning & Cost Reduction	5
PIC12	Inventory Planning and Stock Control	5
PIC13	Purchasing activities and supplying warehouses	10
PIC14	Purchasing & Contract Fraud	5
PIC15	Techniques for Facing Problems with Purchasing and Storing (Advanced)	5
PIC16	Purchasing and warehouses	10
PIC17	Advanced Warehouse, Stores &Material Management	5
PIC18	Studying and developing purchasing and storage system	10
PIC19	Materials Inventory and Cataloguing Specification	5
PIC20	Logistics and Liaison Administration in Oil Field	5
PIC21	Insurance& Reinsurance	5
PIC22	Foreign purchases procedures and means of payment in foreign trade	5
PIC23	Warehouse Manager Role	5
PIC24	Organizing and Managing Purchases	5
PIC25	Foreign and local purchases	10
PIC26	Negotiation and contracts preparation	5
PIC27	Legal Regulations for Construction and Operation Contracts Returning (BOT) Project	5
PIC28	Contract Development , Negotiation & Management	5
PIC29	Purchasing Management	5
PIC30	New technologies in stocktaking Techniques and procedures	5
PIC31	Materials Expediting	5



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Law & Arbitration

Code	Courses Title	Days
LW01	Development legal Consultants' Skills	5
LW02	Legal Departments and Their Roles in Their Organizations	5
LW03	Law and International litigations	5
LW04	Preparing and Writing the Administrative Decisions	5
LW05	Legal Affairs	5
LW06	How to Manage an Administrative Interrogation	5
LW07	Interrogation and Discipline	5
LW08	Preparing the Defense Brief of Lawsuits	5
LW09	Arbitration's Techniques and Procedures	5
LW10	International Arbitration in Petroleum Contracts	5
LW11	Arbitration in work construction and work contracts	5
LW12	Characterization of the violations unions	5
LW13	Legal Aspects of Personnel	5





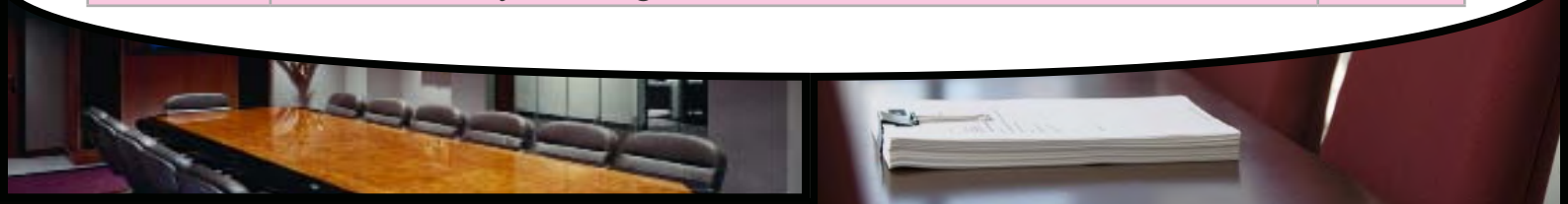
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Accounting & Financial Management



Code	Courses Title	Days
AFM01	Strategic & Financial Planning	5
AFM02	Advanced Accounting and Financial Analysis for Decision Making	5
AFM03	Best Practices in Finance & Accounting	5
AFM04	Budgeting, Costing & Decision Making	5
AFM05	Cost Analysis & Performance Measurement	5
AFM06	International Financial Management	5
AFM07	Advanced Financial Planning	5
AFM08	International Public Sector Accounting Standards IPSAS	5
AFM09	Budget Preparation Skills	5
AFM10	Advanced Financial Management for Non-Financial Staff	5
AFM11	Operational Cost Control and Effective Budgeting	5
AFM12	Financial Accounting & Reporting	5
AFM13	Payroll Management and Effective Payroll Controls	5
AFM14	Finance for Project Managers	5
AFM15	Financial Auditing and Control	5
AFM16	Petroleum Economics	5
AFM17	Finance & Accounting for the Oil & Gas Industry	5
AFM18	Advanced Treasury Management	5
AFM19	Effective Internal Auditing	5
AFM20	Effective Budgeting and Cost Control	5
AFM21	Cost Management	5
AFM22	Budget , Forecasting and planning	5
AFM23	Capital Investment Decision Making	5
AFM24	Cash Flow Management	5
AFM25	Enterprise Risk Management	5
AFM26	Principals Of Cost Recovery	5
AFM27	International Financial Reporting Standards (IFRS)	5
AFM28	Financial Analysis Using EXCEL	5





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Mechanical

Code	Courses Title	Days
MC01	Refrigeration & Air Conditioning	5
MC02	Non Destructive Inspection Techniques For Technicians & Inspectors	5
MC03	Gas Turbines Operation & Maintenance	5
MC04	Heat Exchangers	5
MC05	Compressors Technology	5
MC06	Pressure Vessels Design	5
MC07	Steam Generation & Boiler Operations and Maintenance	5
MC08	Valves Technology	5
MC09	Hydraulic Equipment Operation, Maintenance & Troubleshooting	5
MC10	Welding Process & Technology	5
MC11	Bearings and Lubrication	5
MC12	Mechanical Seal Technology	5
MC13	Machinery Vibration	5
MC14	Diesel Engine Construction, Operation & Maintenance	5
MC15	Best Practices in Maintenance	5
MC16	Pumps & compressors Maintenance and Operation	5
MC17	Steam Turbine Operation & Troubleshooting	5
MC18	Alignment & Troubleshooting of Rotating Machinery	5
MC19	Valve Selection Maintenance & Repair	5
MC20	Corrosion Problem in Oil field facilities	5
MC21	HVAC System Control	5
MC22	Operation& Maintenance of Petrol Engine	5
MC23	Air Conditioning Machine Operation	5
MC24	Automation Maintenance Of Diesel Fuel	5
MC25	Advanced Pump Technology	5
MC26	Bearing Selection, Maintenance and Failure analysis	5
MC27	Slewing Ring Bearing	5
MC28	Rolling Mill Industry & Maintenances Training	5
MC29	WindEnergy	5
MC30	Air Conditioning Systems: Design and Application	5
MC31	Pump Types, construction, Operation & Maintenance	5


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Electrical



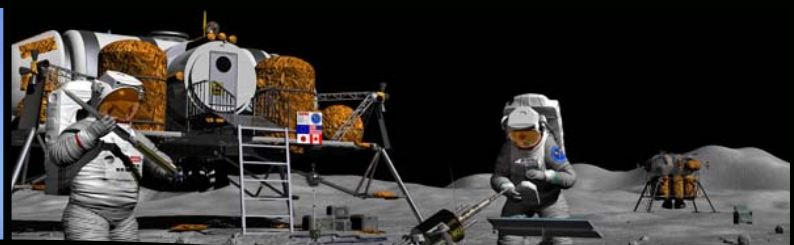
Code	Courses Title	Days
EL01	Industrial Power Systems	5
EL02	Power Systems Grounding	5
EL03	Grounding In Electrical Systems And Noise Reduction In Instrument loops	5
EL04	Electrical Installation in Hazardous area	5
EL05	Electrical Engineering Practices for Surface Facilities	5
EL06	Electrical Safety Awareness	5
EL07	Electrical Transformer Testing	5
EL08	Electrical protection Systems	5
EL09	Electrical protective Relays and protection Systems	5
EL10	Electrical High Voltage Technique	5
EL11	Cables & Jointing Principles	5
EL12	Transformer Testing & Maintenance	5
EL13	Electrical Cables Selection & Inspection	5
EL14	Electrical Power System Analysis	5
EL15	Electrical Maintenance Principles & Applications	5
EL16	Electrical Distribution Systems	5
EL17	Uninterruptible Power Supply (UPS) Systems Electrical	5
EL18	Batteries Maintenance, Charge, and Car Batteries	5
EL19	Electrical Switching Failure Detection, Diagnosing Techniques & Repair Method	5
EL20	Cable Fault Location, Defects and Maintenance	5
EL21	Electrical Planning & Quantity Measurement	5
EL22	Circuit Breakers Control Circuit	5
EL23	Control Circuits	5
EL24	Corrosion Control by Cathodic Protection	5
EL25	Electrical Testing and Commissioning of Electric Power Systems	5
EL26	Advanced HV and EHV Switchgear	5
EL27	Electrical Equipment & Control System	5
EL28	Inverter & UPS System Operation, Maintenance & Troubleshooting	5



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Instrumentation&ProcessControl

Code	Courses Title	Days
IC01	Process Instrumentation	5
IC02	Automatic Control	5
IC03	Advanced Control Loop Analysis & Troubleshooting	5
IC04	Advanced Control Valve Maintenance	5
IC05	Programmable Logic Controllers (PLC)	5
IC06	Pneumatics Systems & Logic Circuits	5
IC07	Fundamentals of Measuring and Control for Technicians	5
IC08	Troubleshooting Instrumentation & Control System	5
IC09	Microprocessors in Instrumentation & Control	5
IC10	SCADA	5
IC11	Industrial Electronics (Design & Troubleshooting	5
IC12	Distributed Control System (DCS)	5
IC13	Industrial Flow Measurement Engineering	5
IC14	Control Systems Upgrading	5
IC15	Safety Instrument Maintenance, Installation And Calibrating	5
IC16	Instrumentation Systems and Electrical power Plant	5
IC17	Advanced Digital Circuits	5
IC18	Advanced Digital Electronics	10
IC19	DCS / ICS Operation	5
IC20	Calibration Maintenance of Meters	5
IC21	Control Valves, Actuators and Positioners	5
IC22	Allen Bradley Control	5
IC23	Controllers and Control Loops	5
IC24	Data Analysis Techniques for Engineers	5
IC25	Digital Telecommunications Principles	5
IC26	Metering Systems	5



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Exploration



Code	Courses Title	Days
EXP01	Applied Petroleum Geology	5
EXP02	AVO, Inversion and Attributes, Principles& Application	5
EXP03	Basin Modelling	5
EXP04	Applied Rock Mechanics	5
EXP05	Sequence Stratigraphy of Clastic Reservoir	5
EXP06	Wireline Formation Testing and Interpretation	5
EXP07	Seismic Interpretation	5
EXP08	Coring and Core Analysis	5
EXP09	Seismic Acquisition, Processing& Interpretation	5
EXP10	Open Hole Log Interpretation	5
EXP11	Carbonate Reservoirs	5
EXP12	Formation Evaluation	5
EXP13	Integration of Log and Seismic Data	5
EXP14	Petroleum Geochemistry	5
EXP15	Prospect & Play Analysis	5
EXP16	Well-Site Geology	5
EXP17	Reservoir Damage & Remedy	5
EXP18	Petroleum Sedimentology	5
EXP19	Structural Geology	5
EXP20	Exploration Significance of Sandstone and Carbonate Rock Successions	5
EXP21	Basin Analysis	5
EXP22	Velocity Modeling & Seismic Depth Convension	5
EXP23	Seismic Data Processing	5
EXP24	Well Log Interpretation	5
EXP25	Seismic Detaling of Reservoirs	5
EXP26	Mapping Subsurface Structures	5
EXP27	Seismic Petrophysics	5
EXP28	Well Placement	5
EXP29	Advanced Wireline Logging Interpretation	5
EXP30	Advanced Logging Methods and Formation Evaluation	5
EXP31	Cased Hole Logging Interpretation	5



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Drilling

Code	Courses Title	Days
DR01	Advanced Drilling Technology	5
DR02	Directional Drilling& Surveying	5
DR03	Drill & Test the Basement zone Technique	5
DR04	Coiled tubing Operation	5
DR05	Stuck Pipe Prevention	5
DR06	Casing & Well Design	5
DR07	Drilling Fluids Technology	5
DR08	Advanced Underbalanced Well Design	5
DR09	Fluids three phase flow measurements, problems and solutions	5
DR10	Drill Bits, Hydraulics& Fluid	5
DR11	Managed Pressure Drilling (MPD) Well Design & Application	5
DR12	Drilling Problems & Solutions	5
DR13	Advanced Drill String Design	10
DR14	Offshore Drilling Operations	5
DR15	Drilling Oil & Gas Wells Technology & Equipping of Head Well	5
DR16	Multilateral Technology of Oil & Gas Wells	5
DR17	BOP Stack & Well Control	5
DR18	Primary & Remedial Cementing Technology	5
DR19	Well Control	5
DR20	Well Intervention and Completion	5
DR21	Well Control and Blow out Prevention	5
DR22	Advance Directional Drilling & Well side - tracking Technologies	5
DR23	Advanced Drilling Practices	5
DR24	Advanced Well Engineering	5
DR25	H2S Drilling Operations	5
DR26	HPHT in Drilling Operations	5
DR27	Rig inspection	5
DR28	Various Fishing Job and Practical Applications Guideline	5



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Reservoir Engineering



Code	Courses Title	Days
RS01	Advanced Reservoir Engineering	5
RS02	Well Test Design & Analysis	5
RS03	Enhanced Oil Recovery	5
RS04	Gas Reservoir Management	5
RS05	Fundamental of Hydraulic Fracturing	5
RS06	Reservoir Characterization	5
RS07	Reserves Estimation	5
RS08	Oil Recovery Enhancement Technique	5
RS09	Horizontal & Multilateral Wells: Analysis & Design	5
RS10	Reservoir Simulation	5
RS11	Well Stimulation and Hydraulic Fraction	

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Production Operations & Technology

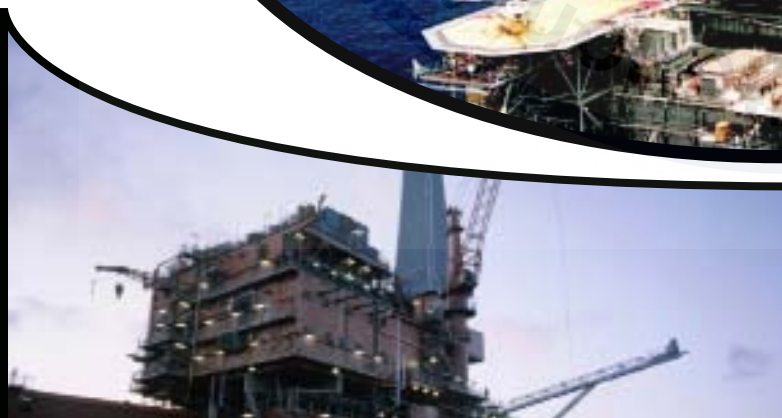
Code	Courses Title	Days
PR01	Petroleum Industry Overview	5
PR02	Surface Production Operation & Equipment	5
PR03	Glycol Dehydration Systems	5
PR04	Surface Facilities Production Operation for Operators	5
PR05	Gas Production Operation	5
PR06	Handling of Oil & Gas Separation	5
PR07	Water Injection Treatment	5
PR08	Handling of Natural Gas Liquid Recovery	5
PR09	Crude Oil Processing & Desalting	5
PR10	Gas Draying, Sweetening and Processing	5
PR11	Electrical Submersible Pumps	5
PR12	Advanced Production Technology	5
PR13	Artificial Lift Systems	5
PR14	Plant Shutdown Systems	5
PR15	Modern Methods of Heavy Oil Production	5
PR16	Offshore Operations	5
PR17	Wire line Operations	5
PR18	Offshore Facilities Design and Construction	5
PR19	Gas Conditioning and Processing	5
PR20	Oil and Gas Production Operations Training	5
PR21	Process Operation Plant & Troubleshooting	5
PR22	Process Control System	10
PR23	Beam pump operations (Sucker Rod Pump)	10
PR24	Gas Lift Operations	10
PR25	Well completion and work over	10
PR26	Production Problems & Solving	5
PR27	Coil tubing Technology	5
PR28	Water Production Problems, Diagnostic& Solution	5
PR29	Gas Production Engineering	10
PR30	Hysys	5



Oil Refinery & Petrochemicals



Code	Courses Title	Days
OF01	Oil Refining: From Crude Oil To Petroleum Products	5
OF02	Basic Refinery Operations	5
OF03	Atmospheric and Vacuum Distillation	5
OF04	Hydro-treating and Catalytic Reforming	5
OF05	Crude Distillation Tower Operations	5
OF06	Blending Operations	5
OF07	Technology of Preparation of Chemical Reagents in Chemical & Petrochemical Labs	5
OF08	Troubleshooting & Operating Improvements For Towers	5
OF09	Refining Technology	5
OF10	Chemistry and structure of materials Chemical constructions	5
OF11	Refinery Gas Treating, Sour Water, Sulfur & Tail Gas	5






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Water

Code	Courses Title	Days
WAT01	Industrial Wastewater and Sewage Water Treatment	5
WAT02	Distillation of Salty Water	5
WAT03	Sewage water quality control and labs techniques	5
WAT04	Field Water Analysis And Interpretation	5
WAT05	Drinking Water Treatment	5
WAT06	Chemical Additives For Separation of Water and oil in Surface Facilities and Development	5
WAT07	Desalination of sea Water	5
WAT08	Oilfield Water Technologies	5
WAT09	HPLC	5
WAT10	Boiler Water Treatment Technology	5
WAT11	Troubleshooting Of Chlorination System	5
WAT12	Heat Balance In Multi-Stage Flash Limestone Water Treatment & Operation	5
WAT13	Water Quality Laboratory	5
WAT14	Water Supply Pumps	5
WAT15	Oily Water Settling Process & CPI Operations	5
WAT16	Water Scale Corrosion- Multistage Flash	5
WAT17	Acid & Ball Cleaning System In Multi Stage Flash	5
WAT18	Water Technology in Oil and Gas Production	5
WAT19	GUS Operation for Water Desalination Plant	5
WAT20	Water Flooding	5
WAT21	Under Water Equipment Inspection & Maintenance	5
WAT22	Chlorination System Operation	5
WAT23	Oil Water Treatment	5
WAT24	Water Injection Treatment	5
WAT25	Water Filtration Systems & Oil Recovery system	5



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Industrial Security



Code	Courses Title	Days
IS01	Qualifying Industrial Security Staff	5
IS02	Modern Techniques for Facing Sabotages and Explosions	5
IS03	Security Interrogation Techniques and Investigations	5
IS04	Protection of Oil Organizations	5
IS05	Development of the Sense of Security for Industrial Security Staff	5
IS06	Managing the scene in Accidents of Oil Organizations	5
IS07	Advanced Course for Qualifying Industrial Security Staff	5
IS08	Protecting Oil Organizations against Catastrophes and Accidents	5
IS09	Qualifying Industrial Security Supervisors	5
IS10	Developing and Enhancing Information Sources Management Skills	5
IS11	Security Crisis and Emergency Management Skills	5
IS12	Modern Techniques in Interrogation and Investigation	5
IS13	Security Radars	5
IS14	Fingerprints and Science	5
IS15	Traffic Management	5
IS16	Security Management & Planning	5
IS17	Advance Training on Fire Alarm & Detection System	5
IS18	Industrial Security Principles	5
IS19	Developing The Security Officer	5
IS20	Oil Establishment Security	5
IS21	Preparing and Forming the Security Men	5
IS22	Protect Oil Installations	5
IS23	Radiation Protection in Industry	5
IS24	Security Crisis Emergency Management	5
IS25	Industrial Security Procedure in Petroleum Companies	5
IS26	Industrial Safety and security	5
IS27	Process Safety In Hydrocarbon Industry	5

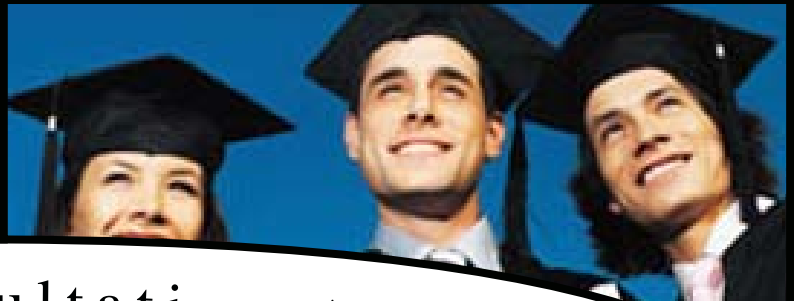
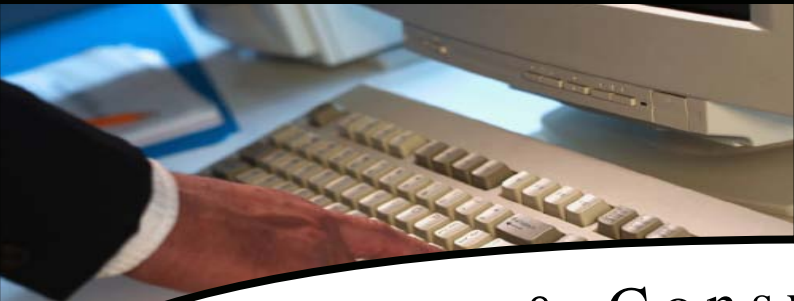




Solution & Consultation Academy

Health, Safety & Environment

Code	Courses Title	Days
HSE01	Accident Investigation	5
HSE02	Loss Prevention	5
HSE03	Safety Auditing	5
HSE04	Management of Hazardous Material (HAZMAT)	5
HSE05	Fire Fighting Principles	5
HSE06	Fire protection Principle	5
HSE07	HSE Management System	5
HSE08	Oil Spill Control	5
HSE09	HSE awareness in drilling operations	5
HSE10	HAZOP	5
HSE11	Job Hazard Analysis	5
HSE12	Loss Prevention Leadership	5
HSE13	Noise Induced Hearing Loss and Hearing Conservation	5
HSE14	Electrical Safety	5
HSE15	Industrial Safety	5
HSE16	Safety Analysis	5
HSE17	Process Safety Management	5
HSE18	Advanced Process& Risk Management	5
HSE19	Defensive Driving	5
HSE20	Emergency Plan & Response	5
HSE21	Environment Principles in drilling	5
HSE22	Environment & Pollution control in oil industry	5
HSE23	Safety Engineering & Risk Management	5
HSE24	International Safety Management (ISM)	5
HSE25	Safety in Chemical Lab	5
HSE26	Fire & Safety Awareness for Fire Fighters	5
HSE27	Modern Safety Management In Industrial Plants (OSHA)	5
HSE28	Advanced Fire fighting	5
HSE29	Hazmat Managing Chemical of Release	5
HSE30	Food Hygiene	5
HSE31	Safety Audit & Hazard Identifications	5



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Information Technology



Code	Courses Title	Days
IT 01	CCIE Cisco Certified Internetwork Expert	5
IT 02	CCNA Network Fundamentals	5
IT 03	Computer Hacking Forensic Investigator (CHFI)	5
IT 04	Cisco ASA specialist and Cisco Firewall Security Specialist	5
IT 05	Cisco CCNP Routing	5
IT 06	Certified information Security Manager (CISM)	5
IT 07	Certified Information Systems Security Professional-CISSP	5
IT 08	CompTIA Security+™ Deluxe	5
IT 09	Construction and management of computer networks program	5
IT 10	Certified Wireless Network Administrator	5
IT 11	IP Telephony (VoIP)	5
IT 12	IP Telephony Protocols and Architectures	5
IT 13	Networking technology program	5
IT 14	Principles of Digital Communications	5
IT 15	Telephone Network	5
IT 16	Understanding-DNS	5
IT 17	Viper system and network engineering Viper SC+™ Intelligent IP Routers for Licensed Spectrum	5
IT 18	Wireless networking technology program and the principles of Digital Communications Wireless Communications	5
IT 19	SSRS Reporting System For PDMS	5
IT 20	R12.x Oracle E-Business Suite Essentials for Implementers	5
IT 21	R12.x Install/Patch/Maintain Oracle E-Business Suite	5
IT 22	R12.x Oracle Applications System Administrator Fundamentals	5
IT 23	R12.x Oracle Applications User Management Fundamentals	5
IT 24	R12.x Oracle General Ledger Management Fundamentals	5
IT 25	R12.x Oracle Payables Management Fundamentals	5
IT 26	R12.x Oracle Financials Functional Foundation	5
IT 27	R12.x Oracle Subledger Accounting Fundamentals	5
IT 28	R12.x Oracle Financial Applications Overview	5
IT 29	R12.x Oracle Asset Management Fundamentals	5
IT 30	R12.x Oracle Receivables Management Fundamentals	5



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Air Craft

Code	Courses Title	Days
AC01	Avionics	10
AC02	Avionics & Navigation Lights	5
AC03	C++-502: Real-Time C++	10
AC04	Unmaned Air Vehichel (UAV)	10
AC05	Basics of automatic control for airplanes	5
AC06	Aircraft Manufacturing Composite Materials	5
AC07	Risk Management and Crisis Airports	5
AC08	Computer Aided Design	5
AC09	Risk Management and Crisis Airports	5





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Marine & Shipping Operations



Code	Courses Name	Days
MS01	Electronic Charts & Display Information System	5
MS02	Vessel Traffic system	5
MS03	Terminal Representative and Safe Loading of Bulk Carriers	5
MS04	Oil, Products Cargoes Inspection & Documentation	5
MS05	Shipping, Terminal Operation and Chartering	5
MS06	Shipping Supervisors Skills	5
MS07	LPG Carriers Operational and Technical Overviews	5
MS08	Oil Movement and Tank farm Storage and Transportation	5
MS09	The Duties and Responsibilities of the Controller of Marine	5
MS10	Marine Diesel Engine	5
MS11	Controller Tuning & Stability	5
MS12	Marine Maintenance	5
MS13	Loading and Discharging Items at Petroleum Terminals	5
MS14	Safety & Security from Fire Accidents on Marine Oil Platforms	5
MS15	Port & Maritime Communications	5
MS16	Introduction to Marine Meteorology	5





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Fertilizer (Process & Operation)



Code	Courses Title	Days
FP01	Ammonia Production Haldor Topsoe Technolog	5
FP02	Saipem Total Recycle Ammonia Stripping Technology	5
FP03	Urea Granulation Uhde Fertilizer Technology	5
FP04	Snamprogetti urea process saipem technology	5
FP05	Methods of Manufacture of Urea	5
FP06	Reduction of Continuous Ammonia Emission in a Urea	5
FP07	Emission Control in Urea Plants	5
FP08	Heat and Moisture Migration within a Porous Urea Particle Bed	5
FP09	Aspects of Coating Technology for Granular Fertilizers	5
FP10	Urea Formulation, Storage, and Handling	5
FP11	Ammonia and Urea Production	5
FP12	Overcoming a Caking Tendency in Granulated Fertilizers	5
FP13	Handling, Storage, and Logistics Documentation	5
FP14	Logistics Systems Functionality	5
FP15	Fundamentals of Logistics management	5
FP16	Recent Innovations in snamprogetti Urea Technology	5
FP17	Urea Granulation stamicarbon Technology	5
FP18	Current standard Saipem and its failure modes	5
FP19	Stamicarbon's urea processes	5
FP20	Corrosion in Urea plants	5
FP21	Ammonia abatement system by water and acid scrubbing	5
FP22	Environmental issues facing urea fluid-bed granulation plants	5





Solution & Consultation Academy



Fertilizer (Maintenance)



Code	Courses Title	Days
MF01	Bearing Basics and seals	5
MF02	Bearing Failure: Causes and Cures	5
MF03	basic hydraulic systems and components	5
MF04	A hydraulic pump	5
MF05	Hydraulic Schematic Symbols	5
MF06	Lubrication System	5
MF07	chute design consideration for feeding and transfer	5
MF08	Aspects of conveyor belting	5
MF09	Conveyor Belt common problem trouble shooting guide	5
MF10	Belt Conveyors Idler Selection Procedure	5
MF11	types of Belt Conveyors splicing methods	5
MF12	bulk Conveyor Pulleys for Nitrogenous Fertilizer Production	5
MF13	pump Installation, Operation, and Maintenance Manual	5
MF14	Taconite and Labyrinth Seal Procedure	5
MF15	Pumps – Major Parts & Their Functions	5
MF16	basic pump hydraulics	5
MF17	Hydraulic Pumps and Motors	5
MF18	An introduction to pumping equipment	5
MF19	Shiploader and reclaimer hydraulic control	5
MF20	Belt Conveyors, Operation & Maintenance	5

