



TRAINING WORKSHOPS

We offer a wide selection of Public Sector Management and Administrative Courses for both on site and off shore training programmes.

Chemical Engineering

Practical Fundamentals of Chemical Engineering	2 CE
Handling Chemicals and Chemical Processes -Tips, Tricks and Tools	2 CH

Civil Engineering

Designing, Specifying and Constructing with Modern Concrete	2 CT
Hazardous Waste Management and Pollution Prevention	2 HW
Structural Design for Non-Structural Engineers	2 SD
Best Practice in Sewage and Effluent Treatment Technologies	2 SE
Transportation Planning and Management	2 TN

Project Management for The Oil And Gas Industry

The practical Business Engineer	2 BE
Project Management for Engineers and Technicians	2 PM
Practical Shutdown & Turnaround Management for Engineers and Managers	2 SH
Practical Specification and Technical Writing for Engineers and Technical People	2 TW

General Management for The Oil And Gas Industry

How to Manage Consultants in the Oil Industry	2 HC
Engineering Leadership – Making the Transition from Engineer to Leader	2 LA
Leading Your Engineering Team to Top Performance	2 LE
People Management Skills for Technical Professionals	2 PJ

Data Communications & Networking

Setting Up, Understanding and Troubleshooting of Industrial Ethernet and Automation Networks	2 AN
Practical Troubleshooting & Problem Solving of Ethernet Networks	2 ET
Practical Fieldbus and Device Networks for Engineers and Technicians	1 FB
Practical Use and Understanding of Foundation Fieldbus for Engineers and Technicians	1 FF
Practical Troubleshooting, Design & Selection of Industrial Fibre Optic Systems for Industry	2 IF
Practical Industrial Networking for Engineers & Technicians	2 IN
Troubleshooting Industrial Ethernet & TCP/IP Networks	2 IT
Practical Routers & Switches (including TCP/IP and Ethernet) for Engineers & Technicians	2 RS

Electrical

Practical Maintenance & Troubleshooting of Battery Power Supplies	2 BT
Practical Electrical Network Automation & Communication Systems	2 CA
Safe Operation and Maintenance of Circuit Breakers and Switchgear	2 CB
Practical HV Cable Jointing & Terminations for Engineers and Technicians	2 CJ
High Voltage Safety Operating Procedures for Engineers and Technicians	2 HV
Practical Motor Protection, Control and Maintenance Technologies	2 MP
Practical Power Distribution	2 PD
Wind & Solar Power - Renewable Energy Technologies	2 RE



Switchgear and Distribution Systems	2 SW
Installation, Testing and Troubleshooting of Transformers	1 TG
Practical Variable Speed Drives for Instrumentation and Control Systems	2 VS

Electronics

Practical Digital Signal Processing for Engineers and Technicians	2 DS
Practical Embedded Controllers: Troubleshooting and Design	2 EB
Practical Troubleshooting of Electronic Circuits for Engineers and Technicians	2 EI
Practical EMC and EMI Control for Engineers and Technicians	2 EM
Practical Industrial Electronics for Engineers and Technicians	2 IE
Power Electronics and Switch Mode Power Supply	2 PE
Practical Shielding, EMC/EMI, Noise Reduction, Earthing and Circuit Board Layout	2 SG

Information Technology

Industrial Network Security for SCADA, Automation, Process Control and PLC Systems	2 NS
SNMP Network Management: The Essentials	2 SN
Practical Fundamentals of E-Manufacturing, MES and Supply Chain Management	2 SO

Instrumentation, Automation & Process Control

Practical Batch Management & Control (Including S88) for Industry	2 BA
Practical Boiler Control and Instrumentation for Engineers and Technicians	2 BI
Installation, Calibration and Maintenance of Electronic Instruments	2 CD
Integrated Programming, Maintenance, Troubleshooting & Optimisation of Drill Monitor Systems (DMS)	2 DM
Practical Data Acquisition using Personal Computers and Standalone Systems	2 DQ
Practical Fundamentals of OPC	1 OC
Practical Process Control & Tuning of Industrial Control Loops	3 PL
Practical Safety Instrumentation and Emergency Shutdown Systems using IEC 61508	2 SI
Practical Control Valve Sizing, Selection and Maintenance	2 VL

Mechanical Engineering

Practical Boiler Plant Operation and Management for Engineers and Technicians	3 BX
Best Practice Design, Maintenance and Troubleshooting of Conveyors and Chutes	2 CC
Practical Pumps and Compressors: Control, Operation, Maintenance & Troubleshooting	2 CM
Practical Hydraulic Systems: Operation and Troubleshooting	2 HD
Rigid and Flexible Hose Connections	2 HS
Practical Safe Lifting Practice and Maintenance	2 LF
Practical Mechanical Drives (Belts, Chains and Gears) for Engineers & Technicians	2 MD
Fundamentals of Mechanical Engineering	2 ME
Practical Balancing, Alignment and Condition Monitoring of Rotating Equipment	2 MM

Financial Management

The Practical Business Engineer	2 BE
Practical Financial Fundamentals and Project Investment Decision Making	2 FM
How to Manage Consultants in the Oil Industry	2 HC
Applying E-Learning to Boost the Return on Your Engineering Training	1 IQ
Engineering Leadership - Making the Transition from Engineer to Leader	2 LA
Industrial Marketing for Engineers and Technical Personnel	1 MK
People Management Skills for Technical Professionals	2 PJ



Health Safety and Environment

Customer Service

*** Content & Duration of all training courses can be customised to suit.**

On-Site Training is more cost effective and leverages maximum value for your training budget, it allows Customisation of the content and the presentation – get your obligation free quotation today.

You may already have staff capable of training others, but lack quality training materials, IT&T can develop your own customised courseware at a fraction of the cost.

For training subject not listed above, detailed outlines or for information on Engineering Specialist Consultancy Services, please contact your representative.

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