TRAINING COURSES.

1. Petroleum Engineering, summary
2. Oil and Gas Production Technology,
3. Pipeline Engineering, Construction and Operations,
4. Oil & Gas Exploration and Production Logistics,
5. Oil and Gas Drilling Engineering.
6. Petroleum Management, Economics and Finance,
7. Industrial/Petroleum Welding Engineering (SMAW & ARGON).
8. Health Safety and Environment (HSE) for Oil and Gas Operations.

ABSTRACT DETAIL TRAINING COURSES.

PETROLEUM ENGINEERING:
Petroleum Geology and Exploration Methods.
Reservoir Rock and Fluid Properties
Fluid Flow in Porous Media and Reservoir Simulation.
Drilling Operations and Formation Evaluation.
Integrated Production Systems and Surface Facilities.
Oil Recovery Processes

OIL AND GAS PRODUCTION TECHNOLOGY.
Introducing Oil and Gas – Overview and Industry Segments
Finding Oil and Gas - Reservoir Characteristics and Exploration
Extracting and Processing Oil and Gas - Drilling, Production and Optimizing Recovery
Oil Refining and Gas Treatment - Refining, Storage and Transportation
Selling Oil and Gas - Markets, Trading, Risk, Margins and Stocks
Managing Oil and Gas - Risks, Opportunities, Organizations and the Future

PIPELINE ENGINEERING, CONSTRUCTION AND OPERATIONS.
Introduction to Pipeline Engineering.
Material Selection and Corrosion Control.
Pipeline Design, Installation and Construction
Pipeline Hydraulic Analysis
Defect Assessment on Pipelines.
Pipeline Integrity: Maintenance, Inspection and Risk Assessment

OIL and GAS EXPLORATION AND PRODUCTION LOGISTICS.
Introducing Logistics in Exploration and Production
Procurement, Purchasing, Inventory and Stock
Managing the Warehousing Function
Receiving Goods, O&G Materials and Asset Management
Managing the Transportation Function
OIL AND GAS DRILLING ENGINEERING.
Background to Marine Drilling
Mobile Marine Drilling Rigs
Drilling Rig Components
Marine Drilling Systems
Mobile Rig Station Keeping and Blow Out Preventer Systems
Field Development Case Studies and Advanced Drilling Approaches

SUBSEA ENGINEERING (Oil & Gas drilling, pipeline and oil & gas production technology)
Introduction to Subsea Production
Wellheads, Xmas Trees and Manifolds
Pipelines, Flowlines and Risers
Control Systems, Umbilicals and Equipment Costs
Reliability, Maintenance and New Technologies
Subsea Developments: Context and Case Studies

PETROLEUM MANAGEMENT, ECONOMICS AND FINANCE.
Cash Flow Components and Economic Indicators
Upstream Petroleum Economics
Midstream and Downstream Petroleum Economics
Managing and Mitigating Uncertainty and Risk
Sensitivities, Simulations and Decision Analysis
Valuing Petroleum Assets, Portfolios and Companies
FINANCE, ECONOMICS and CONTRACTS
Administration, PR, Security and Materials
Human Resources (HR) and Training Development
OIL AND GAS AGREEMENTS.
Seeking an Authorisation
Authorisations
Joint Operating Agreements
Drilling Contracts, Farm-Out Agreements and Sale and Purchase of Interest Agreements
Unitisation Agreements, Crude Oil Sale Agreements and Abandonment Agreements

INDUSTRIAL / PETROLEUM WELDING (SMAW & ARGON)
Welding and Materials
Codes and Standards
Piping Engineering & pipeline

HEALTH, SAFETY AND ENVIRONMENT (HSE)
Fire Prevention and Fighting
Environment
Health and Safety
RCA & Reporting and Defensive Driving;