

COURSE FEE/DURATION: \$2,500 per participant/5days
TRAINING SCHEDULE: June 13-17, 2011

j. SAFETY CASE DEVELOPMENT

A safety case is a documented body of evidence that provides a convincing and valid argument that a system is adequately safe for a given application in a given environment. Will focus on:

- The Safety Case Structure
- Elements of a Safety Case
- Hazard Analysis
- HSE Management System
- Activities Catalogue
- Identified Deficiencies

COURSE FEE/DURATION: \$3,000 per participant/5days

TRAINING SCHEDULE: July 4-8, 2011.

k. PSYCHOMETRIC TOOLS FOR PERSONALITY ASSESSMENT

Personality Assessment enables you to select the right colleagues for each job role by predicting ways of working and future performance with a high level of validity, in a robust and reliable manner. Will focus on:

- Psychometric Tests
- Personality Inventory
- Development Survey
- Motives, Values, Preferences Inventory
- HPI The Bright Side of Personality
- HDS The Shadow Side of Personality
- MVPI The Inside of Personality
- HBRI The Strategic Side of Personality
- Safety Competency Model

COURSE FEE/DURATION: \$3,500.00 per participant/4days

TRAINING SCHEDULE: June 6-9, 2011.

WHO SHOULD ATTEND

Petroleum Engineers, Reservoir Engineers, Production Engineers, Technologists, Process Engineers, Petrophysicists, Production Chemists, Field Engineers, Technicians, Supervisors, Service personnel, Inspectorate staff, Laboratory personnel, HSE professionals and Toxicologists.

VENUE: Institute of Petroleum Studies, University of Port Harcourt.



**University of Port Harcourt, Institute of Petroleum Studies
Centre for Continuing Education**

IPS Uniport

This centre is aimed at providing a platform for specialized and in-depth training to enable participants perform as specialists and professional experts in their chosen career. We have a multidisciplinary pool of consultants and experts in Nigeria and abroad who have many years of experience as Lecturers. With such a high caliber expertise, we deliver professional and high quality services to enable the participants perform with high competence at local and international levels.

a. OIL AND GAS PRODUCTION MANAGEMENT

This course is aimed at enabling the participants to acquire techniques for:

- Production Practices, Problems and Practices, Well Diagnostic
- fundamentals/techniques and tools
- Green Field Well Performance Optimization
- Brown Field Production Performance Optimization
- Production Economics

COURSE FEE/DURATION: \$2,500 per participant/5days

TRAINING SCHEDULES: May 6-10, August 8-12, 2011;
December 5-9, 2011

b. ADVANCES IN RESERVOIR FLUID CHARACTERIZATION

This course provides practical understanding of:

- reservoir fluid characterization with respect to reservoir fluid phase behaviour
- reservoir fluid sampling and validations.
- advances in PVT Correlations
- ranking and selection for reserves estimations.

COURSE FEE/DURATION: \$2,500 per participant/5days

TRAINING SCHEDULE: May 16-20, July 11-16, 2011;
September 19-23, 2011

c. FUNDAMENTALS OF PETROLEUM ECONOMICS

This course offers the following:

- Estimation of Oil & Gas Reserves
- Classification of Reserves
- Classification of Reserves
- Cash flows (real & nominal)
- Time value of money

- Economic and risk indicators
- Contractual and concessional agreements
- Economic analysis software applications

COURSE FEE/DURATION: \$3,000 per participant/5days

TRAINING SCHEDULE: **May 2-6, 2011; August 29 September 2, 2011**

d. UPSTREAM PETROLEUM ECONOMICS

This course offers the following:

- Fundamental economic principles underlying upstream business decisions.
- Elements and determinants of oil and gas investment decisions.
- Worldwide oil and gas fiscal instruments and contract terms
- Upstream business decision making criteria under risk and uncertainty.

COURSE FEE/DURATION: \$3,000 per participant/5days

TRAINING SCHEDULE: **October 10 15, 2011**

e. RECENT ADVANCES IN GAS-TO-LIQUID (GTL) FUELS TECHNOLOGIES

This course offers the following:

- Overview of the chemical process industry raw materials & energy
- Oil refining processes physical, thermal and catalytic
- Treatment of refinery gas streams
- Methanol and Fischer-Tropsch syntheses-reactions & thermodynamics, catalyst design & optimisation,
- FT reactors: carbon mitigation and removal; novel FT technologies.
- Process development strategies exploratory phas, concept-to-pilot plant,
- Scale-up and safety & loss prevention.

COURSE FEE/DURATION: \$3,000 per participant/5days

TRAINING SCHEDULE: **August 15 -19, 2011; August 22 26, 2011**

f. CAD FOR PIPING & INSTRUMENTATION DESIGN

This course is designed to introduce participants to:

- Professional piping & instrumentation design using CAD softwares.
- basics of piping, develop process flow sheets
- setting up project specifications;
- design or select equipment
- design and model in 3 D
- engineer and complete piping assignments using appropriate CAD software.

COURSE FEE/DURATION: \$2, 500 per participant/5days

TRAINING SCHEDULE: **June 20 - 24, 2011; October 17 21, 2011**

g. ENVIRONMENTAL COURSE AND INTERNATIONAL CERTIFICATION

This course is intended:

- to create an awareness on sound environment education and management.
- to provide an overview of pollution and its consequences.
- to enlighten participants to understand the role every person will play in reducing environmental impacts.
- to expose participants to the best practice in sound environmental management systems and remediation techniques.
- To provide international certification with National Registry of Environmental Professionals (NREP), USA.

COURSE FEE/DURATION: \$2, 500 per participant/5days

TRAINING SCHEDULE: **May 9-13, July 18 -22, 2011;**

October 24 -29, 2011

h. HEALTH-RISK ASSESSMENT COURSE

Focus areas:

- Principles of General Toxicology
- Toxicology and occupational healthcare
- Hazard identification and Response
- Dose-Response Characterization
- Exposure assessment
- Risk Characterization
- Chemical Risk Management
- Computerization of Chemical Risk Assessment and Management
- International certification with NREP, USA

COURSE FEE/DURATION: \$3,000 per participant/5days

TRAINING SCHEDULE: **May 23 -29, July 25 - 29, 2011;**
September 12 - 17, 2011

i. BEHAVIOURAL SAFETY

This workshop is designed to win the hearts and minds of the workers by exposing them to attitudes and behaviours that promote safety at the work place.

- Survey and Review
- Changing Paradigms
- HSE Culture and Core Values
- Supervisory Styles
- Effective Supervision and Loss Prevention
- Technology of Working Safely
- Managing Rule Breaking and Human Errors