

2-MONTH OIL & GAS FACILITIES ENGINEERS INTERNSHIP PROGRAM (For Engineering Graduates ONLY)

EPCM invites graduates to participate in a customized and intensive training and selection program (Modified FEDP). Successful participants shall be offered job positions within the company, subject to project and operations vacancies. Aptitude and IQ tests shall be conducted for pre-screening of all applicants. The training program shall be held at the corporate training facilities in Lagos.

Apply with current resume to fedp.application@epcmengineers.com. Entry closes on October 31, 2016. *Visit our website on www.epcmengineers.com for further details.*

FEDP MODULES

MODULE 1: ORIENTATION PHASE

Surface Oil & Gas Production Facilities Design & Standards

- History of Oil & Gas Production
- Overview of Oil Exploration and Drilling
- Oil & Gas Facilities: UPSTREAM
- Oil & Gas Facilities: DOWNSTREAM
- Overview of Facility Design Drawings and Representation
- Overview of Process/Instrumentation and Control systems
- Overview of Production Facility Piping Systems and Equipment

MODULE 2

Process and Facilities Design & Sizing Calculations

MODULE 3

Process Simulation

- Production Process Simulation using Aspen HYSYS
- Design using HYSYS

MODULE 4

Process and Facilities Design

- Surface Production Facilities

MODULE 5

Process Safety

- Hazard and Operability Study- HAZOP
- What-If Analysis
- Checklist Review- API 14C Checklist Study
- Event Tree Analysis & Fault Tree Analysis
- Asset Integrity/Process Safety

MODULE 6

Role of Engineers in Project Design, Procurement, Construction & Management

MODULE 7

- Effective Communication Techniques
- Presentation Techniques
- Expectations and Entitlements