



INSTITUT NATIONAL
POLYTECHNIQUE



PETROLEUM DOWNSTREAM TECHNIQUES AND ECONOMICS

APPLIED GRADUATE

Language :
English

Duration :
16 months

Double Degree : **IFP's Specialized
Engineering Graduate Degree (DESA)
& INP-HB's Professional Master**

In the context of increasing demand of petroleum products in Africa, addressing challenges associated to the access to clean energy for the well-being of people will bring up changes that must be controlled by professionals with a broad view and a sound understanding of the dynamics of the oil & gas downstream sector and associated markets.

Our program, petroleum downstream techniques and economics built to train such professionals will make you a regional downstream key player with technical and business-based approaches essential to your future organization. Join us!



▶ HIGHLIGHTS

- Dual – graduate degree
- Attending classes in Côte d'Ivoire and being awarded IFP School degree, as if you were in Paris.
- High-level program expanded and provided by oil & gas sector professionals alongside with international experts from IFP
- Hands – on experience enrooted on real industry cases addressed relying on latest software packages and tools from the industry

▶ CAREER OPPORTUNITIES

- **Process Engineer (process optimization)**
- **Maintenance Engineer**
- **Crude scheduler**
- **Trading**
- **Etc.**

Governments and corporations in Africa need skilful world class local experts to make oilfield development projects more profitable and attract more investments. To that end, our program has been developed by local professionals with great experiences and international experts from IFP to address downstream challenges related to debottlenecking of refining and logistics capacities, upgrading fuel quality, improving energy efficiency, trading, adapting the regulatory, pricing and fiscal framework to the ever-changing environment.

This cutting edge curricular, provided through true industry cases, explores the industry, like no other program does in West Africa sub region, looking at both technical and business aspects, to enhance your initial training and turn you into the expert every organization hungers to have on board. JOIN US !

▶▶ ABOUT INP - HB

INP-HB was established in 1996 and is located in Yamoussoukro, Republic of Côte D'Ivoire. It provides students and young professionals across West Africa with undergraduate (technicians), engineering graduate, doctorate and professional master's degrees in business administration, civil engineering, petroleum, mining, industrial engineering and agriculture.

More at www.inphb.ci

▶▶ ABOUT IFP – SCHOOL

IFP School was established in 1924. It provides students and young professionals from across the world with master's or doctoral level education in energy (oil, gas, petrochemicals, powertrains, new energy technologies). The school prepares its students to be key players in the 21st century energy transition and ensures their professional success by providing cross-disciplinary vocational training and offering strong international exposure.

More at www.ifp-school.com

PETROLEUM DOWNSTREAM TECHNIQUES AND ECONOMICS APPLIED GRADUATE

➤ CLASS PROFIL

Auditors enrolled in this program are professionals with work experiences other than internships or are graduates with a degree that is less than 5 years old. They are all either self-financed or sponsored by a company. Auditors have the capacity to attend high-level technical courses in oil & gas delivered in english.



➤ PROGRAM CONTENT

Classroom sessions are comprised of the **2 Modules below**

Business & Economics Core Module

Energy Geopolitics

- International Energy Scene

Economics & Management

- Finance & Business Accounting
- Petroleum Upstream Economics & Management
- Petroleum Downstream Economics & Management
- Project Management

Trading

- Commodities Spot & Financial Markets*

DownStream Techniques Module

Processes

- Thermodynamics
- Instrumentation – Regulation - Distillation
- Refining Processes
- Refining Economics
- Mechanical Components (Pumps, Turbine, Compressor)
- Petrochemical*

Engineering

- Engineering Basis & Energy Management

Natural Gas & Operations

- Downstream Logistics
- Safety & Environment
- Natural Gas Economics & LNG Operations*

(*) Courses taken into account ONLY for IFP Specialized Engineering Graduate Degree

➤ PROGRAM SCHEDULE

The program lasts 16 months with 11 months desk classes, projects, and sites visits and 5 months internship.

← 16 months →

Double-degree IFP School / INP - HB



- Classes in INP-HB for both INP - HB & IFP degrees
- Classes in INP-HB for IFP degree ONLY
- Internship

NOTES

By completion of the program, non – native english speakers should provide a certificate for english language proficiency test including TOEIC, TOEFL, IELTS, etc. Score must not be below B2 in CEFR scale.

Find out more :

www.espe.inphb.ci

