

FREQUENTLY ASKED QUESTIONS- FAQs

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12. Does the training offer job placement?
13. How do I apply for the program?
14. What is the cost of Application?
15. Will participants be given accommodation?
16. Any special features for the program?

FEBRUARY 2014 CLASS



Participants at 10,000 Barrels Crude Oil Storage Tank area, Energia/Oando JV Production Flowstation in Kwale, Delta State. Construction activities in progress.

JUNE 2014 CLASS



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Participants in front of their Hotel, during the field trip



Participants at the An Oil & Gas Plc Central Processing Facility in Kwale, Delta State.



At the Central Control Room/MCC

1. What is FEDP?

The Intensive Facilities Engineering Development Program (FEDP) is a practical capacity enhancement program designed for engineering and Science graduates who are interested in pursuing or enhancing their careers or expertise in the Oil & Gas Industry. The program is designed to facilitate practical learning of the fundamental and foundational principles of engineering design, Fabrication and Construction.

The FEDP delivery introduces participants to core principles of cost-effective decision-making competencies in facilities/process design, project scope definition, work break down, hazard identification and risk assessment. The value recognition and significance to asset owners, sponsors, managers, clients and stakeholders are inculcated.

FEDP graduates, in addition to developing engineering judgment skills in Production and Storage Facilities projects and operations, also understand application techniques appropriate for piping/pipeline fabrication/construction, pipe fitting, welding, and pre-commissioning activities such as Hydro-tests, Nitrogen Purging, NDTs, etc.

The capacity development philosophy recognizes that although industry application software such as AutoCAD, PDMS, Aspen HYSYS, OFFPIPE, CAESAR II, ProSIM, FRED, THESIS, CHARMS etc are computer tools that enhance the speed and accuracy of delivering engineering expertise and solutions, they do not replace but rather complement core engineering design fundamentals ..

2. Who can apply for the program?

- HND/BSc/MSc Science or Engineering Graduates
- FEDP-002 (6-Week Program) is open to Year2+ Engineering undergraduates, who want to enhance their employment/placement opportunities during school breaks and on graduation.
- FEDP-111 (4 –Month Program). Entry tests are mandatory. ONLY successful candidates are offered admission into the program.
- FESP-001 and FESP-003, are both 1-Week programs that are on Open enrolment.

3. What will I benefit from the program?

Graduates of the FEDP-111 shall be more skilled in practical engineering problem solving skills, ability to read/use P&IDs, PFDs, participate fully in Design teams, Design reviews and HAZOP studies that MSc holders from US or UK universities. FEDP graduates seamlessly integrate into Project teams.

In outline form, successful graduates of the FEDP -111 shall:

- Develop practical knowledge of Oil & Gas Process and Facilities Engineering Principles.
- Be groomed on the application of Basic Design Codes and standards for Facilities Design.
- Clearly bridge the knowledge gap between undergraduate/graduate theoretical knowledge with industrial application.
- Be equipped with measurably practical skills as engineers that enhance employment opportunities and career excellence.
- Develop sound base for enhanced Project Management skills.
- Provide engineers with the ability to understand how the facilities relate to the engineering drawings and thus provide practical knowledge of the system integration and representation.

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- Be equipped with the knowledge and skill to identify and assess Design and work related hazards: participate in baseline and continuous Hazard Identification and Risk Assessment activities.
- Ability to participate in formal Design reviews and HAZOP studies
- Learn how to conduct JSAs/JHAs
- Learn how to carry out Fault Tree Analysis-FTA
- Learn principles of Event Tree Analysis.
- Understand the Risk Assessment process.
- Understand basic Project Engineering and Construction processes.
- Develop communication and interpersonal skills.

4. What is the duration of the program?

- FEDP-002 – 6 Weeks
- FEDP-111- 12 Weeks(4 Months)
- FEDP-211- MSc Program (12 Months)

5. Will certificates be issued at the end of the program?

Yes.

- FEDP-002: Completion Certificate
- FEDP-111: Oil & Gas Facilities Design Diploma
- FEDP-211: MSc, Oil & Gas Facilities Design & Operation

6. Does scholarship exist for the program?

Yes.

- Full scholarship for best overall scoring candidate in Application/IQ tests for FEDP-111.

7. What is the cost of the program?

- FEDP-002: \$3,950 (N850, 000)
 - FEDP-111: \$8,900 (N1, 900,000)
- Prices subject to change without notice.*

8. Is the Cost not too high?

- Average cost for top quality Primary or Secondary School education in Lagos, Nigeria is N800, 000 Per Term. This translates to about N2.4m per Year and over N12m for 5 Years.
- The Average Pre-University Foundation Program fee in Lagos, is N2.75m for the 1-Year Program.
- The average cost of a 1 Year education in the US or UK is \$25,000, or \$100,000 for a 4-year program.
- The FEDP value is still relevant in integrating overseas or local engineering graduates into the industry. FEDP graduates Attest to this value.
- A multi-million dollar Custom-Built facilities is in place for cutting edge skills impact on the FEDP.
- The FEDP fees are thus highly subsidized given the huge value it adds to lifelong professional practice, job placement and career enhancement. FEDP is a best-in-class program.

9. On what days would the program hold?

- Classes would hold from Monday through Saturdays for the Intensive Program.
- Other Programs are Monday through Fridays.

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10. What time would the program hold?

Monday through Fridays: 9am – 5pm
Saturdays: 10am – 4pm

11. Where is the training location?

The training location for formal study and design is in Lagos:

- CO-116 Complex, #4 Tabuko Gere Close, Olawale Bakare Estate, Agungi, Lagos.

12. Does the training offer job placement?

The training offers NO employment guarantees. The program provides a DEFINITE advantage in skills, knowledge and competencies to ALL participants. Although the company preferentially recruits from the program, employment is strictly a function of available vacancies within the company or partners. The organizers however, submit the names of FEDP graduates, on a prioritization basis, to clients who request for Engineers for interviews and employment. Regular education programs DO NOT offer guaranteed employment opportunity.

13. How do I apply for the program?

- Visit our website www.epcmengineers.com
- Download application form
- Complete form and send to fedp.application@epcmengineers.com (copy fedpprogram@gmail.com).
- Selected applicants will be invited for aptitude test and enrolment interview(where applicable).
- Successful applicants shall be contacted.

14. What is the cost of Application?

Application is free.

15. Will participants be given accommodation?

Accommodation can be provided at an extra cost to the participant.

16. Any special features for the program?

Yes. There are quite a few.

- A model Production facility has been built as part of the Program enhancements.
- Extensive range of 3D Animation videos for Piping Systems, Refineries, Separators, Compressors, Valves, fittings, Heat Exchangers are used to enhance the learning process.
- Brand new Laptops for each FEDP-111 Participant plus internet access for the program duration. Full fee participants ONLY.
- Field visits and experience in a real production facility
- Participation in EPCM projects and contracts during the program, with valuable practical skills development
- Access to oilfield equipment and troubleshooting
- Extensive engineering tasks that enhance professional decision-making process
- Highly experienced facilitators

For further enquiries, contact:

- Nyero Bekibele, 08023888157 - Technical Inquiries
- Chisom Uzoh, 08028793166 - Administration

OR send email to: fedp.application@epcmengineers.com, and copy fedpprogram@gmail.com