

intensive PRE-UNIVERSITY PROGRAM-iPUP



"It is the supreme art of the teacher to awaken joy in creative expression and knowledge."
Albert Einstein

"Education is the most powerful weapon which you can use to change the world."
Nelson Mandela

- **BASIC SKILLS DEVELOPMENT- Job & Enterprise Value**
 - Basic Enterprise and Job Creation Development
 - Matching Course, Talents to Real Jobs and Opportunities:
As an undergraduate and as a professional.
 - Career/Field of Study Risk Assessments
 - Fundamentals of **Oil And Gas** Production Processes
 - Opportunities in the **Oil, Gas, Energy, IT** and other Industries.
 - AutoCAD drafting: Process Drawings (P&IDs, PFDs, Electrical Line Diagrams, etc.)
 - Computer Based Training(CBT)
 - \$4,000 Financial Award to best graduating participant

- **UNIVERSITY ADMISSION GUIDANCE AND PROCESSING**
 - US, UK, EUROPE, ASIA, AFRICA
 - Course of Study and School Selection
 - Preparation guides for SAT and TOEFL-iBT
 - Guide to Scholarships and Financial Support programs.
 - Admission Optimization Solutions

"Ideal teachers are those who use themselves as bridges over which they invite their students to cross, then having facilitated their crossing, joyfully collapse, encouraging them to create bridges of their own."
Nikos Kazantzakis

"The object of education is to prepare the young to educate themselves throughout their lives."
Robert Maynard



..the application of *Wisdom* in *Understanding* and *Knowledge!!!*



ENGINEERING.PROCUREMENT.CONSTRUCTION.MANAGEMENT

In partnership with **EPCM ENGINEERS LIMITED**

Intensive Pre-University Program

6 WEEKS

**A: BASIC SKILLS DEVELOPMENT-
JOB & ENTERPRISE VALUE**

**MODULE 1
THEORY VS PRACTICE**

- The role of Academic education.
- Industrial Application and Practice
- Academic & Industry Integration.
- The Role of the Engineer/Applied Scientist
- Questions/Quiz.



**MODULE 2
UNDER-GRADUATE OPPORTUNITIES**

- Internships, Vacation Jobs.
- Oil, Gas, Energy, Power and IT Industries.
- Local Vs International.
- Discipline Specialization.
- Case studies
- Exercises.



**MODULE 3
ENTREPRENEURSHIP AND JOBS**

- Education Vs Talent, Skills and Competencies
- Proactive Matching of Talents, Skills to Potential Jobs.
- Enterprise: Matching Skills, Talents to Value Creation of Services and Products.
- Limitations, Challenges and Opportunities- Nigeria.
- Limitations, Challenges and Opportunities- International.
- Basic Business Plan
- Funding and Financial Intelligence



**MODULE 4
STUDENT-PROGRAM RISK ASSESSMENT**

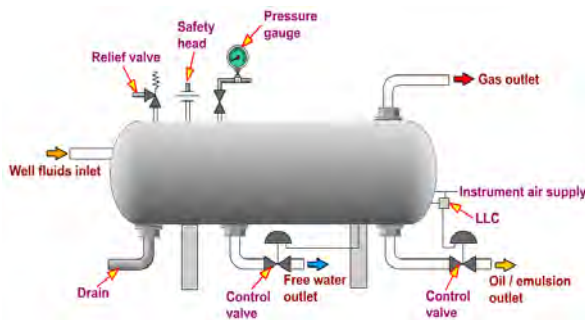
- Risk Vs Opportunity.
- Course/Program Risk Assessment.
- Simple Methodology.
- Decision Making.
- Exercises.



MODULE 5

OIL & GAS INDUSTRY FUNDAMENTALS

- Overview of Oil & Gas Surface Production Facilities – Staged Stabilization Processes
- Overview of Process Vessels, Pumps, Valves and Fittings
- Types and Uses of Basic Piping Elements: Manual Valves, Control Valves, Elbows, Fittings.
- Computer Based Training-CBT
- Exercises

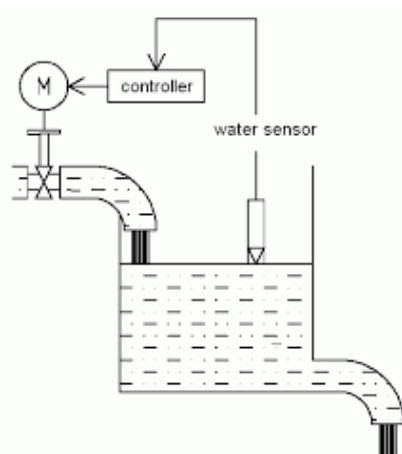


3 Phase oil, gas, water Separator

MODULE 6

JOB SKILLS

- Reading and Interpreting Basic Process Engineering Drawings (PFDs, P&IDs)
- Computer Aided Drawing (CAD)- Drafting skills
- Introduction to HAZID and HAZOP
- Effective Communication Techniques
- Resume Preparation
- Organization Skills
- Technical Report Writing
- Computer Desktop skills: Ms Word, PowerPoint and Excel.



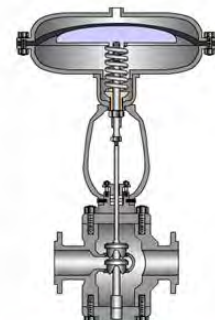
Level Control Schematic



Typical Oil Well head



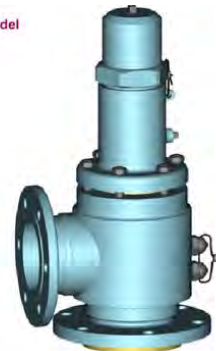
3D model



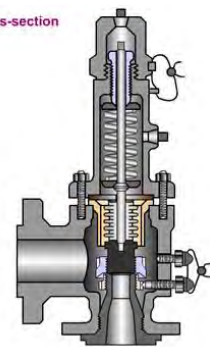
2D cross-section

Oil industry valves

3D model



2D cross-section



Pumps

B: UNIVERSITY ADMISSION GUIDANCE AND PROCESSING**MODULE 7****PREPARATION, SELECTION & ENROLLMENT**

- US, UK, EUROPE, ASIA, AFRICA
- Course of Study and School Selection
- Preparation aids for SAT and TOEFL-iBT
- Guide to Scholarships and Financial Support programs.
- Admission Optimization Solutions
- Visa Processing Guide and Support

**PROGRAM KEY BENEFITS**

- Develop quality sellable skills that give competitive advantage for internships in the US, Europe, Asia, and Africa in the IT, Oil & Gas, Energy, Power, Manufacturing and Other industries.
 - This would allow for higher earnings and also build on overall working experience upon graduation.
 - The training program utilizes fully custom-built standard Oil and Gas Processing Plant at Lekki, Lagos.
 - This is particularly valuable for Engineering and Applied Science disciplines.
 - Computer Aided drafting skills shall be tailored to

participant's choice of undergraduate study.

- Experience-Based identification of schools that match individual or family values, finance, system, educational aptitude and other unique preferences or scenarios.
- Provide valuable guidance to achieve target SAT and TOEFL scores for choice university.
- SAT/TOEFL (iBT) Preparation Materials.
- Application of Unique skills/Talent, interest and field opportunity matrix to guide selection of University degree program.
- Focused guidance and support with the Visa Application process.

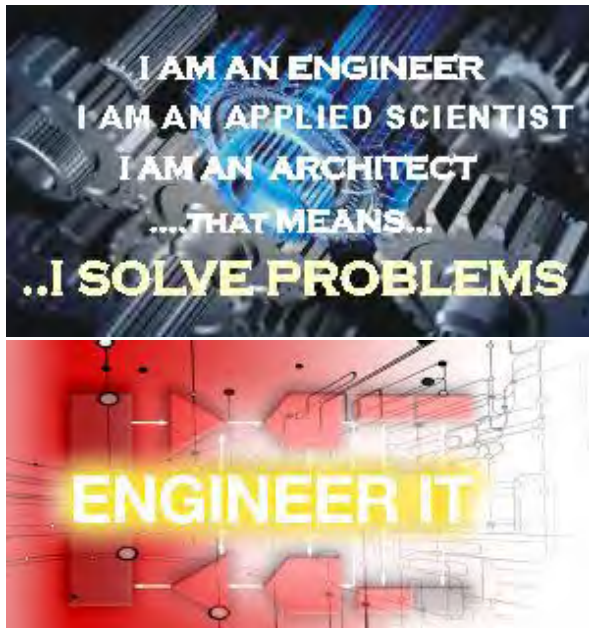
WHO SHOULD ENROL INTO THIS PROGRAM?

- Students who have completed year 11 in the British Curriculum or SSCE with at least 6 Credits including English Language, Mathematics, Physics, and Chemistry plus a desire to pursue further education at the University level in Engineering, Applied and Basic Sciences courses.
- High performing students in SSCE or IGSCCE who intend to pursue opportunities for financial assistance.
- Students who have completed A levels and awaiting commencement of the academic session.
- Students who want to optimize the period before resumption due date to acquire the program's skills and knowledge to enhance opportunities for quality/top internships.
- People who need strategy value guidance in visa and admission processing.

The Sage Pointe College Advisor will provide details and clarification on the academic selection criteria and language proficiency requirements.

ADDITIONAL ADMISSION REQUIREMENTS

- Interested students shall take a preliminary Aptitude and IQ test. Discounts are applicable for high scoring students.
- Students must submit evidence of completing SSCE/IGCSE and school attended to qualify.
- Students must at least be 16 years of age to qualify.
- Ability to use a computer/laptop will be added advantage.



2015 PROGRAM DATES

- July 20, 2015,
- August 24, 2015
- September 14, 2015
- November 2 , 2015
- February 17, 2016

SCHOLARSHIP/AWARD

\$4,000 Enterprise/Scholarship Award to overall best graduate in the program**.



PROGRAM PRICING

Application Fee: \$100 (*non-refundable*)

Skills Development Program Fee: email ipup@sagepointe.org for current program pricing

SAT/TOEFL/Admission/Visa Advisory Services: Free

*** Subject to conditions.*



CONTACT/INQUIRIES

iPUP Program Coordinator

Confidence Achodo
• 07060614389

FEDP Contact

Chisom Uzoh
• 08028793166

Email Addresses

- ipup@sagepointe.org
- ipup@epcmengineers.com

APPLICATION FORM

PERSONAL DATA

Full

Name: _____ *Date of Birth:* _____

Last First M.I.

Address: _____

Street Address

City State ZIP/Area Code

Phone: _____ *Email:* _____

PROGRAM

Applied for

(Code/Title): _____

EDUCATION

High

School: _____ *Address:* _____

From: _____ *To:* _____ *Did you graduate?* YES NO *Diploma:* _____

University: _____ *Address:* _____

From: _____ *To:* _____ *Did you graduate?* YES NO *Degree:* _____

Other: _____ *Address:* _____

From: _____ *To:* _____ *Did you graduate?* YES NO *Degree:* _____

PERSONAL PROGRAM OBJECTIVE

Please briefly outline the benefits you expect to gain by participating in this program.

SPONSORSHIP

Please provide details of program sponsor.

Full Name: _____ *Relationship:* _____

Company: _____ *Phone:* _____

Address: _____

DISCLAIMER AND SIGNATURE

I certify that my answers are true and complete to the best of my knowledge.

If this application leads to offer into the program, I understand that false or misleading information in my application or interview may result in disqualification.

Signature: _____ *Date:* _____