



Applied Engineering Technology Initiative

AETI 2014 SCHOLARSHIP PROGRAMME

1ST BATCH WEEKEND APRIL, MAY & JUNE 2014

1ST BATCH WEEKDAY (MAY & JUNE 2014)

OBJECTIVE:

To bridge the gap between the skills and knowledge of graduates of our educational systems and what the industries require.

BENEFITS:

At the end of the program, graduates who seek industrial experience will be sent for a three-six months internship with any of our multinational partners. Our graduates are 100% employable

SUCCESS STORY:

Some of our successful graduates are presently working with Shell, Friesland Foods, Nestle Plc, NB Plc, BUA, PZ, Honeywell Plc, NBC Plc., Schlumberger, Total Nigeria, etc

SALE OF FORMS:

Registration in progress

REGISTRATION CLOSES:

4th April, 2014

SCHOLARSHIP EXAMINATION:

5th April, 2014 (Weekend/Weekday)

Successful Candidates will enjoy 40% and 20% off the original programme fee

Weekend, Saturday 9 a.m. - 4 p.m., Sunday, 11 a.m. - 5 p.m.

Weekday, Monday - Friday 9 a.m. - 3 p.m..

RESUMPTION DATE:

12th April, 2014 - Weekend

12th May 2014 - Weekday

**1. CERTIFICATE IN AUTOMATION ENGINEERING
(3 MONTHS WEEKEND & 2 MONTHS WEEKDAY)**

- SCADA (Wonderware, WINCC Flexible & RSView 32)
- Calibration of process instrument (HART475, Fluke Process Meter)
- Instrumentation and P & ID
- Programmable Logic Controllers (PLC) - (Siemens S7, Allen-Bradley, Omron)
- Introduction to DCS Control Systems
- Pneumatic/Electro-Pneumatic Controls: Operation & Troubleshooting
- Process Control (PID Turning using a Real Process Plant)
- AC Frequency Drives (Siemens BOP, AOP, Drive Monitor, Starter Operations)
- Industrial Safety, Health and Environment
- Technical Report Writing

**3. CERTIFICATE IN ELECTRO-MECHANICAL ENGINEERING
(3 MONTHS WEEKEND & 2 MONTHS WEEKDAY)**

- Heating, Ventilation and Air Conditioning / Refrigeration (HVAC/R): (Operation, Troubleshooting and Maintenance)
- Industrial Electrical Maintenance
- Troubleshooting and Maintenance of Electric Motors
- Hydraulic Control Systems
- Bearings & Seals: Operation & Maintenance
- Pneumatic/Electro-Pneumatic Controls Systems: Operation & Troubleshooting
- Pumps and Compressors: Operation, Trouble-shooting & Maintenance
- Mechanical Drives Systems Maintenance
- Industrial Safety, Health and Environment
- Technical Report Writing

**2. CERTIFICATE IN ELECTRICAL & CONTROL ENGINEERING
(3 MONTHS WEEKEND & 2 MONTHS WEEKDAY)**

- High Voltage Systems (Control and Protection Relays)
- Electrical Troubleshooting and Repairs: using Schematic Diagrams
- Programmable Logic Controllers (PLC) - (Siemens S7, Allen-Bradley, Omron)
- AC Frequency Drives (Siemens BOP, AOP, Drive Monitor, Starter Operations)
- Traffic Light Control - Solar, UPS and Hybrid System
- Troubleshooting and Maintenance of Electric Motors
- Troubleshooting and Repairs of Electronic Equipments and Systems
- Industrial Electrical & Electronics controls
- Industrial Safety, Health and Environment
- Technical Report Writing

**4. CERTIFICATE IN POWER AND UTILITIES ENGINEERING
(3 MONTHS WEEKEND & 2 MONTHS WEEKDAY)**

- Instrumentation and P & ID
- Heating, Ventilation and Air Conditioning / Refrigeration (HVAC/R): (Operation, Troubleshooting and Maintenance)
- Pumps and Compressors: Principles, Operation & Maintenance
- Co2 and Water Treatment Plant
- Hydraulic Control Systems
- Boilers: Principles, Operations and Maintenance
- Diesel Engines and Alternator: Principles, Operation & Maintenance
- Heat Exchanger / Combined Heat and Power systems(CHP)
- Industrial Safety, Health and Environment
- Technical Report Writing

ENTRY REQUIREMENTS:

B. Eng., B. Sc., HND, B.Tech., OND, City & Guilds and Undergraduates of tertiary Institutions

REGISTRATION PROCEDURES: Fill our online form on our website: www.aetinigeria.com and click submit to view payment details. Come with your CV, photocopies of your credentials and 2 passport photographs on the day of the entrance test. For further enquiries, send emails to: certificateprogramme@aetinigeria.com

FLEXIBLE PAYMENT:

Installmental payment available , please call for details.

For further details please contact:

Chuks - 08188386105

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