



| Course Code |
|--------------------|
| AUT101 |
| AUT102 |
| AUT103 |
| AUT103_AD |
| AUT104 |
| AUT105 |
| AUT106 |
| AUT107 |
| AUT108 |
| AUT110 |
| AUT111 |
| AUT112 |
| AUT113 |
| AUT114 |
| AUT115 |
| |
| |
| INST201 |
| INST202 |
| INST203 |
| INST204 |
| |
| |

| |
|----------------|
| ELCO301 |
| ELCO302 |
| ELCO303 |
| ELCO304 |
| ELCO305 |
| ELCO306 |
| ELCO307 |
| ELCO308 |
| ELCO309 |
| ELCO310 |
| ELCO311 |
| ELCO312 |
| ELCO313 |
| ELCO314 |
| |
| |
| MEC401 |
| MEC402 |
| MEC403 |
| MEC414 |
| MEC415 |
| MEC404 |
| MEC410 |
| MEC408 |
| MEC413 |
| MEC406 |
| MEC405 |
| MEC416 |
| MEC417 |
| MEC407 |
| MEC409 |
| MEC411 |
| MEC412 |
| |
| |
| HSE501 |

| |
|---------------|
| HSE502 |
| HSE503 |
| HSE504 |
| HSE505 |
| HSE506 |
| |
| |

- * PLEASE NOT
- * PROGRAMS (
- * FEES COVER

CERTIFICATE I
PLUMBING & F
CITY & GUILDS



Applied Engineering Technology
Initiative Ltd

...total engineering solutions

Applied Engineer
engineering solutions

... Short Courses for

2020 TECHNICAL TRAINING PROGRAM

| Course Title |
|--|
| AUTOMATION COURSES |
| Basic PLC - Programming, Troubleshooting & Maintenance- Allen Bradley |
| Advanced PLC - Programmable Logic Controller Allen Bradley (RS Logix 5000) |
| Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000) |
| Advanced Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000) |
| Basic PLC - Programming, Troubleshooting & Maintenance -Siemens S7 (300 & 400) |
| Advanced PLC- Programmable Logic Controller Siemens S7 300 & 400 |
| Basic PLC - Programming, Troubleshooting & Maintenance-Siemens TIA (S7-300) |
| Distributed Control System (DCS) - ABB Freelance |
| AC Frequency Drives (Danfoss & Seimens): Operation, Maintenance & Troubleshooting |
| SCADA/HMI: Rockwell FactoryTalkView |
| SCADA/HMI: Siemens WinCC Flexible |
| SCADA/HMI: Wonderware Intouch |
| Pneumatics & Electro-Pneumatics Automation System |
| Advanced Pneumatics & Electro-Pneumatics Automation System |
| Pneumatics & Electro-Pneumatics in Process Plant |
| INSTRUMENTATION COURSES |
| Instrumentation and Control in Process Plant |
| Process Plant Controls |
| Calibration & Maintenance of Process Instruments-Using HART 475 & Fluke |
| Local Instrumentation Setting and Calibration |
| ELECTRICAL & CONTROL COURSES |

| |
|---|
| Troubleshooting & Repairs of Industrial Electronics Equipment and System |
| Design & Installations of Electrical Systems |
| Industrial Motor Controls: Operation, Troubleshooting & Maintenance |
| Electrical Troubleshooting & Repairs - Using Schematic Diagram |
| Advanced Electrical Troubleshooting & Repairs - Using Schematic Diagram |
| Effective Maintenance of Electrical and Mechanical Equipment |
| Industrial Electrical Maintenance |
| Electrical Safety Training Systems----NFPA 70B & CSA Z462 |
| Inverter & Solar Panel (Design, Installation and Maintenance) |
| MV/HV Switchgear Operations and Maintenance |
| Embedded Systems design and Programming |
| Electrical Control Panel design and Wiring |
| Industrial Networking for Automation Systems |
| Electrical Protection Systems & Sizing |
| |
| MECHANICAL & UTILITY COURSES: |
| Pumps & Low/High Pressure Compressors: Operation, Troubleshooting & Maintenance |
| Pumps & Valves: Selection, Installation, Operation & Maintenance |
| Refrigeration and Airconditioning: Installation, Troubleshooting & Maintenance |
| Heating, Ventillation and Air Conditioning (HVAC) Operations, Troubleshooting |
| Rotating Equipment Reliability Optimization |
| Hydraulics & Electrohydraulics Control Systems |
| Engineering Facilities Management |
| Plumbing & Pipefitting (Theory & Practical) |
| Practical Diesel Generator Maintenance Course (Engine & Alternator) |
| Effective Maintenance of Electrical and Mechanical Equipment |
| Mechanical Drives System Maintenance |
| Centrifugal and Positive displacement Pumps: Operation, troubleshooting & Maintenance |
| Industrial Electrical Maintenance For Mechanical Personnel |
| Industrial & High Pressure Boiler (Operation, Troubleshooting & Maintenance) |
| Bearing: Selection, Installation & Maintenance |
| Operation & Maintenance of Gas Engines |
| Safe Operation of Forklift & Logistics (In-Plant Only) |
| |
| HSE & OTHER COURSES: |
| Occupational Health and Safety for Manufacturing and Agro-Allied Industries |

| |
|--|
| Performance Enhancement & Attitudinal Improvement Course for Shop Floor |
| Emergency Preparedness and Response |
| Job Hazard Analysis (JHA) |
| Basic First Aid Training |
| Handling, Storage and Transportation of Hazardous Materials |
| |
| |

NOTE THAT PROGRAMS THAT HAVE BEEN CONDUCTED PREVIOUSLY CAN BE CUSTOMIZED OR DELIVERED IN-PLANT (CLIENTS' FACILITIES) TO INCLUDE TEA/COFFEE BREAK, LUNCH, CONSUMABLES FOR PRACTICAL AND CERTIFICATION

PROGRAMMES: AUTOMATION ENGINEERING, ELECTRICAL & CONTROL ENGINEERING, PIPEFITTING, REFRIGERATION & AIRCONDITIONING, WELDING & FABRICATION COURSES OF LONDON PROGRAMS:- LEVELS, 1, 2, 3, 4, 5,6

FOR NOMINATIONS AND ENQUIRIES:

Applied Engineering Technology Initiative Limited

148/150, Bode Thomas Street, Surulere,

Lagos, Nigeria

Business Development Desk:

Chris-08183390748

chris.udemba@aetinigeria.com

www.aetinigeria.com

| | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|----------------|-------|
| 5 | | 9-13 | | | 22-26 | | | 21-25 |
| 4 | 10-13 | | 6-9 | | | 14-17 | | |
| 5 | | 23-27 | | | 15-19 | | 17-21 | |
| 5 | | 16-20 | | | 1-5 | | | 14-18 |
| 5 | 17-21 | | | 18-22 | | 6-10 | | |
| 5 | 3-7 | | | | 22-26 | | | 7-11 |
| 3 | 24-28 | | 20-24 | | | 20-24 | | |
| 3 | | 4-6 | | 6-8 | | | 24-26 | |
| 3 | | 25-27 | | 27-29 | | | 19-21 | |
| 4 | 17-20 | | 20-23 | | | 27-30 | | |
| 5 | 10-14 | | | 11-15 | | | 10-14 | |
| 5 | | 23-27 | | | 15-19 | | 31 Aug -4 Sept | |
| 5 | 3-7 | | | 4-8 | | 13-17 | | |
| 4 | | 2-3 | | | 1-5 | | | 1-4 |
| | | | | | | | | |
| | | | | | | | | |
| 4 | 10-13 | | | | 8-11 | | 25-28 | |
| 4 | 3-6 | | 27-30 | | | 7-10 | | |
| 5 | | 16-20 | | 4-8 | | | 10-14 | |
| 5 | | 23-27 | | | 1-5 | | | 7-11 |
| 5 | | 2-6 | | | 15-19 | | | 14-18 |
| 5 | 17-21 | | 20-24 | | | 20-24 | | |
| 5 | | 9-13 | | 11-15 | | | 17-21 | |
| 5 | 24-28 | | | 18-22 | | 13-17 | | |
| 5 | 3-7 | | | | 8-11 | | | 21-25 |
| 5 | 10-14 | | | 11-15 | | | 24-28 | |
| 5 | | 16-20 | | | 22-26 | | | 7-11 |
| 3 | 19-21 | | 22-24 | | | 28-30 | | |
| 5 | 24-28 | | | 4-8 | | | 10-14 | |
| 4 | | 24-27 | | | 1-4 | | | 1-4 |
| 2 | 27-28 | | 1-2 | | | 6-7 | | |
| 3 | | 11-13 | | 20-22 | | | 4-6 | |
| 2 | | 30-31 | | | 29-30 | | | 21-22 |
| | | | | | | | | |
| | | | | | | | | |
| 3 | | 9-11 | | 20-22 | | | 17-19 | |

| | | | | | | | | |
|---|-------|-------|-----|-----|-----|-------|-------|-------|
| 3 | 24-26 | | 1-3 | | | 22-24 | | |
| 2 | 19-20 | | | 6-7 | | | 11-12 | |
| 2 | | 16-17 | | | 1-2 | | | 8-9 |
| 2 | 26-27 | | 6-7 | | | 21-22 | | |
| 2 | | 4-5 | | | 3-4 | | | 28-29 |
| | | | | | | | | |
| | | | | | | | | |

**RESCHEDULED AT YOUR CONVENIENCE
MEET ORGANIZATIONAL PECULIAR NEEDS AND REQUIREMENTS
SPECIFY**

MECHANICAL ENGINEERING, ELECTRO-MECHANICAL ENGINEERING, POWER AND UTILIZATION

AETI ADVANTAGES

- Hands-on-Approach in all Technical Trainings**
- Relevant Training Aids, Simulators and Equipment**
- Large Facilities with many Training Rooms & Workshops**
- Experienced Faculty**
- Industry Focus**



INEERING SERVICES INDUSTRY

| Oct | Nov | Dec | Venue |
|-------|---------------|-------|-------------|
| | | | |
| 5-9 | | | AETI, LAGOS |
| | 16-20 | | AETI, LAGOS |
| | | 7-11 | ETI, LAGOS |
| 12-16 | | | AETI, LAGOS |
| | 23-27 | | AETI, LAGOS |
| | | 14-18 | ETI, LAGOS |
| | 2-6 | | AETI, LAGOS |
| | 30 Nov- 4 Dec | | ETI, LAGOS |
| 21-23 | | | AETI, LAGOS |
| | 9-13 | | AETI, LAGOS |
| | | 7-11 | ETI, LAGOS |
| | | 14-18 | ETI, LAGOS |
| | 16-20 | | AETI, LAGOS |
| | 30 Nov- 4 Dec | | ETI, LAGOS |
| 5-9 | | | AETI, LAGOS |
| | | | |
| | | | |
| | 2-5 | | AETI, LAGOS |
| | | 7-8 | ETI, LAGOS |
| 13-16 | | | AETI, LAGOS |
| | | 7-11 | ETI, LAGOS |
| | | | |
| | | | |

| | | | |
|-------|---------------|-------|-------------|
| | | 14-18 | ETI, LAGOS |
| 5-8 | | | AETI, LAGOS |
| | 2-6 | | AETI, LAGOS |
| | 30 Nov- 4 Dec | | ETI, LAGOS |
| 19-23 | | | AETI, LAGOS |
| | | 14-18 | ETI, LAGOS |
| 12-16 | | | AETI, LAGOS |
| | 9-11 | | AETI, LAGOS |
| | 23-25 | | AETI, LAGOS |
| 5-9 | | | AETI, LAGOS |
| | 16-20 | | AETI, LAGOS |
| | | 7-11 | ETI, LAGOS |
| 19-23 | | | AETI, LAGOS |
| | | 15-18 | ETI, LAGOS |
| | | | |
| | | | |
| | 16-19 | | AETI, LAGOS |
| 5-8 | | | AETI, LAGOS |
| | 9-13 | | AETI, LAGOS |
| | | 14-18 | ETI, LAGOS |
| | 30 Nov- 4 Dec | | ETI, LAGOS |
| 12-16 | | | AETI, LAGOS |
| | 16-20 | | AETI, LAGOS |
| 5-9 | | | AETI, LAGOS |
| | | 7-11 | ETI, LAGOS |
| | 2-6 | | AETI, LAGOS |
| | 30 Nov- 4 Dec | | ETI, LAGOS |
| 26-28 | | | AETI, LAGOS |
| | 23-27 | | AETI, LAGOS |
| | | 15-18 | ETI, LAGOS |
| 5-6 | | | AETI, LAGOS |
| | 11-13 | | AETI, LAGOS |
| | | 14-15 | ETI, LAGOS |
| | | | |
| | | | |
| | 11-13 | | AETI, LAGOS |

| | | | |
|--------------|------------|--------------------|-------------------|
| 21-23 | | AETI, LAGOS | |
| | 4-5 | AETI, LAGOS | |
| | | 3-4 | ETI, LAGOS |
| 20-21 | | AETI, LAGOS | |
| | | 8-9 | ETI, LAGOS |
| | | AETI, LAGOS | |
| | | | |

TIES ENGINEERING