

Applied Engineering Technology Initiative Limited (AETI)
(...total engineering solutions: Training - Recruitment - Outsourcing - Consulting)

List of short courses for 2017 - Open Courses

2017 TECHNICAL TRAINING PROGRAMMES FOR MANUFACTURING & ENGINEERING SERVICES INDUSTRY (SANGO OTTA & ENVIRONS)

Course code	COURSE TITLE	DUR. (Dys)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	VENUE
AUTOMATION COURSES															
AUT101	Basic PLC - Programming, Troubleshooting & Maintenance- Allen Bradley -RS Logix 5 & 500	5				24-28			10-14		25-29		6-10		AETI, LAGOS
AUT102	Advanced PLC - Programmable Logic Controller Allen Bradley (RS Logix 5 & 500)	5					8-12			21-25		9-13			AETI, LAGOS
AUT103	Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5				3-7		5-9			11-15		20-24		AETI, LAGOS
AUT103_A	Advanced Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5					8-12			14-18			11-15		AETI, LAGOS
AUT104	Basic PLC - Programming, Troubleshooting & Maintenance -Siemens S7 (300 & 400)	5					22-26		17-21		11-15		20-24		AETI, LAGOS
AUT105	Advanced PLC- Programmable Logic Controller Siemens S7 300 & 400	5						5-9		7-11		23-27		4-8	AETI, LAGOS
AUT106	Basic PLC - Programming, Troubleshooting & Maintenance-Siemens TIA (S7-1200)	5				3-7			24-28				6-10		AETI, LAGOS
AUT107	Distributed Control System (DCS) - ABB Freelance	5						19-23		21-25		9-13			AETI, LAGOS
AUT108	AC Frequency Drives (Danfoss & Seimens): Operation, Maintenance & Troubleshooting	3					10-12			23-25			20-22		AETI, LAGOS
AUT109	Operation and Maintenance of Servo Drives/Motors	3						14-16			6-8				AETI, LAGOS
AUT110	SCADA/HMI: Rockwell FactoryTalkView	5				24-24						23-27			AETI, LAGOS
AUT110_A	Advanced SCADA/HMI: Rockwell FactoryTalkView	5					22-26		24-28						AETI, LAGOS
AUT111	SCADA/HMI: Siemens WinCC Flexible	5								21-25		9-13			AETI, LAGOS
AUT112	SCADA/HMI: Wonderware Intouch	5									25-29		6-10		AETI, LAGOS
AUT113	Pneumatics & Electro-Pneumatics Automation System	5				24-28		5-9		7-11		16-20			AETI, LAGOS
AUT114	Basic PLC - Programming, Troubleshooting & Maintenance (Omron)	5							17-21			9-13			AETI, LAGOS
INSTRUMENTATION COURSES															
INST201	Instrumentation and Control in Process Plant	4					8-11		17-20		26-29			5-8	AETI, LAGOS
INST202	Process Plant Controls	2								2-3		5-6			AETI, LAGOS
INST203	Calibration & Maintenance of Process Instruments-Using HART 475 & Fluke 789	4				4-7		13-16					7-10		AETI, LAGOS
INST204	Local Instrumentation Setting and Calibration	5							17-21		25-29		6-10		AETI, LAGOS
ELECTRICAL & CONTROL COURSES															
ELCO301	Troubleshooting & Repairs of Industrial Electronic Equipment and Systems	5					22-26		24-28		11-15		6-10		AETI, LAGOS
ELCO302	Design & Installations of Electrical Systems	4					23-26			7-10		9-12			AETI, LAGOS
ELCO303	Industrial Motor Controls: Operation, Troubleshooting & Maintenance	5						5-9			25-29		20-24		AETI, LAGOS
ELCO304	Electrical Troubleshooting & Repairs - Using Schematic Diagram	5						19-23		7-11			6-10		AETI, LAGOS
ELCO305	Advanced Electrical Troubleshooting & Repairs - Using Schematic Diagram	5							17-21		11-15			11-15	AETI, LAGOS
ELCO306	Effective Maintenance of Electrical and Mechanical Equipment	5					8-12		24-28		25-29		20-24		AETI, LAGOS
ELCO307	Industrial Electrical Maintenance	3						14-16		23-25		25-27			AETI, LAGOS
ELCO308	Electrical Safety Training Systems----NFPA 70B & CSA Z462	3				4-6			10-12			9-11		4-6	AETI, LAGOS
MECHANICAL & UTILITY COURSES:															
MEC401	Pumps & Compressors: Operation Troubleshooting & Maintenance	4				24-28		5-8		7-10		9-12			AETI, LAGOS
MEC402	Pumps & Valves: Selection, Installation, Operation & Maintenance	4						5-8		7-10		9-12			AETI, LAGOS
MEC403	Refrigeration and Airconditioning: Installation, Troubleshooting & Maintenance	5					8-12		24-28		11-15		6-10		AETI, LAGOS
MEC404	Hydraulics & Electro-Hydraulics Control Systems	5				3-7			17-21			16-20			AETI, LAGOS
MEC405	Mechanical Drives System Maintenance	5				3-7		19-23		21-25			20-24		AETI, LAGOS
MEC406	Effective Maintenance of Electrical and Mechanical Equipment	5					8-12		24-28		25-29		20-24		AETI, LAGOS
MEC407	Steam Boiler (Operation, Troubleshooting & Maintenance)	4					23-26			22-25			21-24		AETI, LAGOS
MEC408	Plumbing & Pipefitting (Theory & Practical)	3				4-6		14-16			6-8			5-7	AETI, LAGOS
MEC409	Bearing: Selection, Installation & Maintenance	2					23-24		17-18			5-6			AETI, LAGOS
MEC410	Engineering Facilities Management	5					8-12		24-28		25-29		20-24		AETI, LAGOS
MEC411	Operation & Maintenance of Gas Engines	3					23-25			7-9			6-8		AETI, LAGOS
MEC412	Safe Operation of Forklift & Logistics (In-Plant Only)	2							10-11			5-6		4-5	AETI, LAGOS
MEC413	Practical Diesel Generator Maintenance Course (Engine & Alternator)	5					22-26			7-11		16-20			AETI, LAGOS
MEC414	Heating, Ventillation and Air Conditioning (HVAC) Operations, Troubleshooting & Maintenance	5					8-12		24-28		11-15		6-10		AETI, LAGOS
MEC415	Rotating Equipment Reliability Optimization	5				24-28		5-9				9-13		11-15	AETI, LAGOS
MEC416	Basic Gas and Steam Turbines Operations and Maintenance	5					22-26	12-16		21-25			20-24		AETI, LAGOS
MEC417	Advanced Gas and Steam Turbines Operations and Maintenance	5						19-23			25-29			11-15	AETI, LAGOS
MEC418	Vibration and Transducer Fundamentals	5							24-28		11-15		6-10		AETI, LAGOS
MEC419	Basic Machinery Diagnostics	5					8-12			7-11		16-20			AETI, LAGOS
MEC420	Advanced Machinery Diagnostics	5							17-21			9-13			AETI, LAGOS
HSE & OTHER COURSES:															
HSE501	Occupational Health and Safety for Manufacturing and Agro-Allied Industries	3					8-10			7-9		9-11			AETI, LAGOS
HSE502	Performance Enhancement & Attitudinal Improvement Course for Shop Floor Personnel	3				4-8		5-7			11-13		21-23		AETI, LAGOS

* PLEASE NOTE THAT PROGRAMS THAT HAVE BEEN CONDUCTED PREVIOUSLY CAN BE RESCHEDULED AT YOUR CONVENIENCE
 * PROGRAMS CAN BE CUSTOMIZED OR DELIVERED IN-PLANT(CLIENTS' FACILITIES) TO MEET ORGANIZATIONAL PECULIAR NEEDS AND REQUIREMENTS
 *FEES COVER TEA/COFFEE BREAK, LUNCH, CONSUMABLES FOR PRACTICAL AND CERTIFICATE

FOR NOMINATIONS AND ENQUIRIES CONTACT
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OUR STRENGTH IN PROJECT AND ENGINEERING CONSULTING

Advance Programming and Maintenance of Allen Bradley Programmable Logic Controller PLC5/40E, SLC505, Micrologix1100 and Contrologix5560.

System Setup/Design and Configuration of Rockwell PlantPAx/DCS System (EWS, Operator Station, Data Server, Alarm Server, HMI Server, Database/Historical Log Setup).

Process control and tuning of Process controller for CASCADE and FEED FORWARD control.

Selection, Installation and Calibration of ABB 266T, Rosemount 3051 DP transmitter.

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