

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

**List of Short Courses for 2017- Open Training Programs**

**2017 TECHNICAL TRAINING PROGRAMMES FOR THE OIL & GAS INDUSTRY**

COURSE CODE	COURSE TITLE	DUR. (Dys)	JAN	FEB	MAR	APRIL	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	VENUE
<b>PRODUCTION ENGINEERING COURSES</b>															
PROD101	Production System Optimization	3			6-8		22-24		19-21		11-13		22-24		AETI, LAGOS
PROD102	WellHead in Surface Production Operations	3				3-5		5-7		23-25		9-11			AETI, LAGOS
PROD103	Utility Systems For Oil & Gas Production	5				24-28		19-23			18-22		13-17		AETI, LAGOS
PROD104	Oil and Gas Production Process	3			27-29		8-10		24-26		27-29		6-8		AETI, LAGOS
PROD105	Flow Assurance in Oil & Gas Production Systems	3			6-8	5-7		5-7		14-16		18-20		11-13	AETI, LAGOS
PROD106	Well Workover, Intervention and Stimulation	4				24-27			10-13		12-15		13-16		AETI, LAGOS
<b>PROCESS ENGINEERING COURSES</b>															
PROC201	Gas Treatment and Compression Process	3				24-26			10-12		12-14		15-17		AETI, LAGOS
PROC202	Offshore Pipeline Projects	4			20-23			12-15		8-11		23-26			AETI, LAGOS
PROC203	Oil and Gas Business Essentials	2			1-2		3-4			3-4			28-29		AETI, LAGOS
PROC204	Pipeline Integrity Management Systems (PIMS)	3		20-22		5-7		14-16			6-8		22-24		AETI, LAGOS
<b>REFINERY ENGINEERING COURSES</b>															
REF301	Refinery Utilities & Facilities	3			27-29		8-10		24-26		27-29		6-8		AETI, LAGOS
REF302	Refinery Operations Process Control	3				5-7		5-7		14-16		18-20			AETI, LAGOS
<b>DRILLING &amp; COMPLETION ENGINEERING COURSES</b>															
DRC401	Fundamentals of Drilling Technology	4			7-10		22-25		17-20		26-29		6-9		AETI, LAGOS
DRC402	Completion and Subsea Systems	5				24-28			10-14		11-15		13-17		AETI, LAGOS
DRC403	Stuck Pipe Prevention	3				3-5		19-21		14-16		9-11			AETI, LAGOS
<b>RESERVOIR ENGINEERING COURSES</b>															
RES501	Fundamentals of Reservoir Engineering /Reservoir Surveillance	5				24-28		19-23			18-22		13-17		AETI, LAGOS
RES502	Tertiary or Enhanced Oil Recovery	3			20-22			5-7		14-16			5-8		AETI, LAGOS
<b>OIL AND GAS MANAGEMENT COURSES</b>															
OGM601	Introduction to oil and Gas Industry: Overview & the Nigerian Perspective	2			22-23			13-14		8-9		23-24			AETI, LAGOS
OGM602	Oil and Gas Asset Integrity Management	2			1-2		3-4			3-4			28-29		AETI, LAGOS
OGM603	Technical Report Writing (TRW)	2		27-28			3-4		10-11			16-17		5-6	AETI, LAGOS
<b>HEALTH SAFETY AND ENVIRONMENT COURSES</b>															
HSE701	HSE Management in oil & Gas Production Operations	2			6-7		22-23		20-21		11-12		23-24		AETI, LAGOS
HSE702	Environmental Impact Assessment	2				3-4		5-6		24-25		9-10			AETI, LAGOS
<b>MECHANICAL AND UTILITY COURSES</b>															
MEC801	Pumps & Compressors: Operation, Troubleshooting & Maintenance	4		20-23	28-31		8-11		24-27		11-14		20-23		AETI, LAGOS
MEC802	Pumps & Valves: Selection, Installation, Operation & Maintenance	4		20-23	28-31		8-11				11-14		20-23		AETI, LAGOS
MEC803	Refrigeration and Air Conditioning ( Operation, Troubleshooting & Maintenance)	5		6-10		24-28		19-23				16-20		4-8	AETI, LAGOS
MEC804	Heating, Ventilation and Air Conditioning (HVAC) Operations, Troubleshooting & Maintenance	5				24-28		19-23		7-11		16-20			AETI, LAGOS
MEC805	Rotating Equipment Reliability Optimization	5			6-10		22-26		17-21		25-29		20-24		AETI, LAGOS
MEC806	Hydraulics & Electrohydraulics Control Systems	5			20-24			5-9	10-14				6-10		AETI, LAGOS
MEC807	Depot Operations, Maintenance & Management	5			20-24			8-12		2-25		23-27			AETI, LAGOS
MEC808	Plumbing & Pipefitting (Theory & Practical)	3			1-3		3-5			2-4			27-29		AETI, LAGOS
MEC809	Practical Diesel Generator Maintenance Course (Engine & Alternator)	5			13-17		8-12		17-21		18-22		6-10		AETI, LAGOS
MEC810	Effective Maintenance of Electrical and Mechanical Equipment	5		6-10		3-7		19-23		14-18		9-13			AETI, LAGOS
MEC811	Mechanical Drives System Maintenance	5		13-17		24-28	22-26		10-14		11-15		13-17		AETI, LAGOS
MEC812	Basic Gas and Steam Turbines Operations and Maintenance	5						5-9		7-11			13-17		AETI, LAGOS
MEC813	Advanced Gas and Steam Turbines Operations and Maintenance	5							10-14		11-15			4-8	AETI, LAGOS
MEC814	Vibration and Transducer Fundamentals	5					8-12			14-18		16-20		11-15	AETI, LAGOS
MEC815	Basic Machinery Diagnostics	5					22-26		24-28		18-22				AETI, LAGOS
MEC816	Advanced Machinery Diagnostics	5						19-23		21-25			20-24		AETI, LAGOS
<b>AUTOMATION COURSES</b>															
AUT901	Basic PLC - Programming, Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5			6-10		22-26		17-21		11-15		20-24		AETI, LAGOS
AUT902	Advanced PLC - Programming , Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5				3-7		5-9		21-25		9-13			AETI, LAGOS
AUT903	Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5		13-17		24-28		19-23			18-22		13-17		AETI, LAGOS
AUT903_AD	Advanced Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5					22-26			7-11			20-24		AETI, LAGOS
AUT904	Basic PLC - Programming, Troubleshooting & Maintenance (Siemens S7 - 300 & 400)	5		20-24	27-31		8-12		24-28		25-29		6-10		AETI, LAGOS
AUT905	Advanced PLC - Programming , Troubleshooting & Maintenance (Siemens S7-300 & 400 )	5			6-10	3-7		5-9		14-18		16-20		11-15	AETI, LAGOS
AUT906	Basic PLC - Programming, Troubleshooting & Maintenance-Siemens TIA (S7-1200)	5				24-28			10-14		11-15		13-17		AETI, LAGOS
AUT907	Distributed Control System (DCS) - ABB Freelance	5			20-24			12-16		7-11		23-27			AETI, LAGOS
AUT908	AC Frequency Drives (VFD): Siemens or Danfoss	3			1-3		3-5			2-4			27-29		AETI, LAGOS
AUT909	Operation and Maintenance of Servo Drives/Motors	3			1-3			14-16			6-8				AETI, LAGOS
AUT910	SCADA/HMI: Rockwell FactoryTalkView	5		27TH FEB-3RD MAR			8-12		10-14			16-20		4-8	AETI, LAGOS
AUT910_AD	Advanced SCADA/HMI: Rockwell FactoryTalkView	5				3-7			17-21			23-27			AETI, LAGOS
AUT911	SCADA/HMI: Siemens WinCC Flexible	5		6-10		24-28		19-23		7-11			20-24		AETI, LAGOS
AUT912	SCADA/HMI: Wonderware Intouch	5			6-10		22-26				25-29		6-10		AETI, LAGOS
AUT913	Pneumatics & Electro-Pneumatics Control Systems	5		13-17		3-7		5-9		21-25		9-13			AETI, LAGOS
<b>INSTRUMENTATION COURSES</b>															
INST101	Instrumentation & Control in Process Plant	4		7-10		10-13			24-27			3-6			AETI, LAGOS
INST102	Process Plant Controls	2			30-31		8-9			2-3		5-6			AETI, LAGOS
INST103	Calibration & Maintenance of Process Instruments-Using HART 475 & Fluke 789	4		20-23		25-27		13-16			25-28		7-10		AETI, LAGOS
INST105	Fiscal Oil Metering	4				3-6		19-22		7-10		16-19			AETI, LAGOS
INST106	Local Instrumentation Setting and Calibration	5							17-21		25-29		6-10		AETI, LAGOS
<b>ELECTRICAL &amp; CONTROL COURSES</b>															
ELCO111	Troubleshooting & Repairs of Industrial Electronic Equipment and Systems	5		13-17		3-7		5-9		21-25			20-24		AETI, LAGOS
ELCO112	Design & Installations of Electrical Systems	4		27TH FEB-2ND MAR			9-12		10-13			17-20			AETI, LAGOS
ELCO113	Industrial Motor Control: Design, Operation and Maintenance	5		20-24		24-28		19-23		14-18			13-17		AETI, LAGOS
ELCO114	Electrical Troubleshooting and Repairs - Using Schematic Diagram	5		13-17	20-24		8-12		17-21		11-15		20-24		AETI, LAGOS
ELCO115	Advanced Electrical Troubleshooting and Repairs - Using Schematic Diagram	5			27-31			5-9		7-11		16-20		4-8	AETI, LAGOS

ELCO116	Electrical Testing Equipment-Application & Usage	5			3-7				25-29				AETI, LAGOS
ELCO117	High Voltage Power Systems Equipment	5			24-28		17-21			9-13			AETI, LAGOS
ELCO118	Safe Use of Electrical Equipment in Harzardous Areas	5		6-10		22-26	24-28			16-20			AETI, LAGOS
ELCO119	Electrical Safety Training System---NFPA 70B & CSA Z462	3		27TH FEB-1ST MAR		22-24			18-20		8-10		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 REQU  
 \*FEES COVER TEA/COFFEE BREAK, LUNCH, CONSUMABLES FOR PRACTICAL AND CERTIFICATE

FOR NOMINATIONS AND ENQUIRIES CONTACT  
 Applied Engineering Technology Initiative Limited  
 148/150 Bode Thomas Street, Surulere- Lagos. Nigeria.  
 Website: [www.aetinigeria.com](http://www.aetinigeria.com)

Front Desk : 01-2951516  
 Chris.....0818-339-0748; 0703-083-2377  
 Chuks...0818-838 6105  
 E-mail : [enquiries@aetinigeria.com](mailto:enquiries@aetinigeria.com)

CERTIFICATE PROGRAMS: AUTOMATION ENGINEERING, ELECTRICAL & CONTROL ENGINEERING, ELECTRO-MECHANICAL ENGINEERING  
 PLUMBING & PIPEFITTING, REFRIGERATION & AIRCONDITIONING, WELDING & FABRICATION  
 CITY & GUILDS OF LONDON PROGRAMS:- LEVELS, 1, 2, 3, 4, 5,6