

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

**List of Short Courses for 2018- Open Training Programmes**

**2018 TECHNICAL TRAINING PROGRAMMES FOR THE OIL & GAS INDUSTRY**

COURSE CODE	COURSE TITLE	DUR. (Dys)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	VENUE
<b>PRODUCTION ENGINEERING COURSES</b>															
PROD101	Production System Optimization	3			19-21			4-6		13-15		8-10		3-5	AETI, LAGOS
PROD102	WellHead in Surface Production Operations	3		12-14		23-25			9-11		17-19		12-14		AETI, LAGOS
PROD103	Utility Systems For Oil & Gas Production	5		19-23			7-11		16-20		24-28			3-7	AETI, LAGOS
PROD104	Oil and Gas Production Process	3			21-23		14-16			6-8		15-17		10-12	AETI, LAGOS
PROD105	Flow Assurance in Oil & Gas Production Systems	3		12-14		16-18			2-4		3-5		26-28		AETI, LAGOS
PROD106	Well Workover, Intervention and Stimulation	4			12-15		29TH MAY-1ST JUN			27-30		22-25		3-6	AETI, LAGOS
<b>PROCESS ENGINEERING COURSES</b>															
PROC201	Gas Treatment and Compression Process	3		20-22		16-18		4-6		6-8		15-17		3-5	AETI, LAGOS
PROC202	Offshore Pipeline Projects	4		26TH FEB-1ST MAR			28-31		2-5		3-6		5-8		AETI, LAGOS
PROC203	Oil and Gas Business Essentials	2			5-6			25-26		27-28		22-23			AETI, LAGOS
PROC204	Pipeline Integrity Management Systems (PIMS)	3		14-16		9-11			2-4		10-12		26-28		AETI, LAGOS
<b>REFINERY ENGINEERING COURSES</b>															
REF301	Refinery Utilities & Facilities	3		5-7		3-5		11-13		6-8		2-4			AETI, LAGOS
REF302	Refinery Operations Process Control	3			19-21		21-23		16-18		11-13		26-28		AETI, LAGOS
<b>DRILLING &amp; COMPLETION ENGINEERING COURSES</b>															
DRC401	Fundamentals of Drilling Technology	4			26-29			4-7		27-30		2-5		3-6	AETI, LAGOS
DRC402	Completion and Subsea Systems	5		19-23		16-20			9-13		10-14		5-9		AETI, LAGOS
DRC403	Stuck Pipe Prevention	3			12-14		21-23		2-4		24-26		26-28		AETI, LAGOS
<b>RESERVOIR ENGINEERING COURSES</b>															
RES501	Fundamentals of Reservoir Engineering /Reservoir Surveillance	5			5-9		21-25		16-20		10-14		5-9		AETI, LAGOS
RES502	Tertiary or Enhanced Oil Recovery	3				9-11		4-6		13-15		8-10		3-5	AETI, LAGOS
<b>OIL AND GAS MANAGEMENT COURSES</b>															
OGM601	Introduction to oil and Gas Industry: Overview & the Nigerian Perspective	2				3-4		19-20		20-21		3-4			AETI, LAGOS
OGM602	Oil and Gas Asset Integrity Management	2		5-6		5-6		11-12		6-7		2-3		11-12	AETI, LAGOS
OGM603	Technical Report Writing (TRW)	2			19-20		21-22		16-17		13-14		29-30		AETI, LAGOS
<b>HEALTH SAFETY AND ENVIRONMENT COURSES</b>															
HSE701	HSE Management in oil & Gas Production Operations	2			5-6			25-26		27-28		22-23			AETI, LAGOS
HSE702	Environmental Impact Assessment	2		14-15		9-10			2-3		11-12		26-27		AETI, LAGOS
<b>MECHANICAL AND UTILITY COURSES</b>															
MEC801	Pumps & Compressors: Operation, Troubleshooting & Maintenance	4			26-29	3-6		4-7		27-30		2-5		3-6	AETI, LAGOS
MEC802	Pumps & Valves: Selection, Installation, Operation & Maintenance	4			26-29	3-6		4-7		27-30		2-5		3-6	AETI, LAGOS
MEC803	Refrigeration and Air Conditioning ( Operation, Troubleshooting & Maintenance)	5		19-23		16-20			9-13		10-14		5-9		AETI, LAGOS
MEC804	Heating, Ventilation and Air Conditioning (HVAC) Operations, Troubleshooting & Maintenance	5		19-23			14-18		9-13		10-14		5-9		AETI, LAGOS
MEC805	Rotating Equipment Reliability Optimization	5			12-16			4-8		27-31		8-12			AETI, LAGOS
MEC806	Hydraulics & Electrohydraulics Control Systems	5			12-16		21-25		2-6		24-28		26-30		AETI, LAGOS
MEC807	Depot Operations, Maintenance & Management	5			5-9		7-11		9-13		17-21		12-16		AETI, LAGOS
MEC808	Plumbing & Pipefitting (Theory & Practical)	5		5-9		23-27	28TH MAY-1ST JUN				17-21		12-16		AETI, LAGOS
MEC809	Practical Diesel Generator Maintenance Course (Engine & Alternator)	5		19-23	12-16		21-25		2-6		24-28		26-30		AETI, LAGOS
MEC810	Effective Maintenance of Electrical and Mechanical Equipment	5			5-9		7-11		9-13		17-21		12-16		AETI, LAGOS
MEC811	Mechanical Drives System Maintenance	5		5-9		23-27	14-18			13-17		22-26		3-7	AETI, LAGOS
<b>AUTOMATION COURSES</b>															
AUT901	Basic PLC - Programming, Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5			5-9		21-25		16-20		10-14		5-9		AETI, LAGOS
AUT902	Advanced PLC - Programming , Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5				9-13		4-8		13-17		8-12		3-7	AETI, LAGOS
AUT903	Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5		12-16		23-27			9-13		17-21		12-16		AETI, LAGOS
AUT903_AD	Advanced Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5		19-23			7-11		16-20		24-28			3-7	AETI, LAGOS
AUT904	Basic PLC - Programming, Troubleshooting & Maintenance (Siemens S7 - 300 & 400)	5		5-9	19-23		14-18	25-29		6-10		15-19		10-14	AETI, LAGOS
AUT905	Advanced PLC - Programming , Troubleshooting & Maintenance (Siemens S7-300 & 400 )	5		12-16		16-20		2-6		3-7		22-26		26-30	AETI, LAGOS
AUT906	Basic PLC - Programming, Troubleshooting & Maintenance-Siemens TIA (S7-1200)	5			12-16		28TH MAY-1ST JUN			27-31		22-26		3-7	AETI, LAGOS
AUT907	Distributed Control System (DCS) - ABB Freelance	5			5-9		14-18			6-10				26-30	AETI, LAGOS
AUT908	AC Frequency Drives (VFD): Siemens or Danfoss	3		7-9		4-6			2-4			3-5			AETI, LAGOS
AUT909	Operation and Maintenance of Servo Drives/Motors	3			26-28			11-13			10-12		5-7		AETI, LAGOS
AUT910	SCADA/HMI: Rockwell FactoryTalkView	5		26TH FEB-2ND MAR			28TH MAY-1ST JUN			27-31	17-21	29TH OCT-2ND NOV			AETI, LAGOS
AUT910_AD	Advanced SCADA/HMI: Rockwell FactoryTalkView	5			5-9			4-8			3-7		26-30		AETI, LAGOS
AUT911	SCADA/HMI: Siemens WinCC Flexible	5		19-23		9-13	7-11		9-13		10-14		12-16		AETI, LAGOS
AUT912	SCADA/HMI: Wonderware Intouch	5			5-9		21-25			6-10		22-26		10-14	AETI, LAGOS
AUT913	Pneumatics & Electro-Pneumatics Control Systems	5		12-16		9-13		25-29		6-10	3-7		12-16		AETI, LAGOS
<b>INSTRUMENTATION COURSES</b>															
INST101	Instrumentation & Control in Process Plant	4			26-29		28-31		2-5		3-6		5-8		AETI, LAGOS
INST102	Process Plant Controls	2				3-4		19-20		20-21		3-4			AETI, LAGOS
INST103	Calibration & Maintenance of Process Instruments-Using HART 475 & Fluke 789	4		5-8		3-6		11-14		6-9		2-5		11-14	AETI, LAGOS
INST105	Fiscal Oil Metering	4			12-15		14-17		3-6		25-28		26-29		AETI, LAGOS
INST106	Local Instrumentation Setting and Calibration	5			19-23		21-25		16-20		10-14		26-30		AETI, LAGOS
<b>ELECTRICAL &amp; CONTROL COURSES</b>															
ELCO111	Troubleshooting & Repairs of Industrial Electronic Equipment and Systems	5		19-23		16-20		4-8		6-10		15-19		3-7	AETI, LAGOS
ELCO112	Design & Installations of Electrical Systems	4		26TH FEB-1ST MAR			28-31		2-5		3-6		5-8		AETI, LAGOS
ELCO113	Industrial Motor Control: Design, Operation and Maintenance	5			5-9	23-27		25-29		27-31		22-26		10-14	AETI, LAGOS
ELCO114	Electrical Troubleshooting and Repairs - Using Schematic Diagram	5		12-16		9-13	21-25		2-6		10-14		26-30		AETI, LAGOS
ELCO115	Advanced Electrical Troubleshooting and Repairs - Using Schematic Diagram	5			19-23		28TH MAY-1ST JUN			13-17		8-12		10-14	AETI, LAGOS
ELCO116	Electrical Testing Equipment-Application & Usage	5				16-20		4-8		6-10			12-16		AETI, LAGOS
ELCO117	High Voltage Power Systems Equipment	5			12-16		7-11		2-6		3-7				AETI, LAGOS
ELCO118	Safe Use of Electrical Equipment in Harzardous Areas	5			19-23			4-8		27-31		22-26			AETI, LAGOS
ELCO119	Electrical Safety Training System---NFPA 70B & CSA Z462	3		26-28		11-13			2-4			3-5		10-12	AETI, LAGOS
ELCO120	Inverter & Solar Panel (Design, Installation and Maintenance)	3			19-21		28-30		4-6		17-19		5-8		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

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

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