

List of Short Courses for 2020- Open Training Programmes

COURSE CODE	COURSE TITLE	DUR. (Dys)	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	VENUE
PRODUCTION & PROCESS ENGINEERING COURSES														
PROD101	Production System Optimization	3	10-12			4-6			12-14			25-27		AETI, LAGOS
PROD102	WellHead in Surface Production Operations	3		2-4			1-3			21-23			9-11	AETI, LAGOS
PROD103	Utility Systems For Oil & Gas Production	5	3-7		20-24			6-10			19-23			AETI, LAGOS
PROD104	Oil and Gas Production Process	3	19-21			11-13			5-7			16-18		AETI, LAGOS
PROD105	Flow Assurance in Oil & Gas Production Systems	3		16-18			8-10			14-16			16-18	AETI, LAGOS
PROD106	Flow Measurement & Custody Transfer	5		23-27			15-19			7-11		30 Nov- 4 Dec		AETI, LAGOS
PROC201	Gas Treatment and Compression Process	3	12-14			18-20			17-19			2-4		AETI, LAGOS
PROC202	Gas Lift Design, Operation & Troubleshooting	4		2-5		4-7			4-7			10-13		AETI, LAGOS
PROC203	Oil and Gas Business Essentials	2		30-31			29-30			1-2			7-8	AETI, LAGOS
PROC204	Pipeline Integrity Management Systems (PIMS)	3	26-28		6-8			1-3			26-28			AETI, LAGOS
PROC205	Natural Gas Processing - Dehydration, Refrigeration, and Fractionation	3		11-13			24-26			7-9			1-3	AETI, LAGOS
PROC206	Introduction to Petroleum Refinery Processing	3	5-7		15-17			8-10			5-7			AETI, LAGOS
PROC207	Risk Assessment & Risk Management for Oil & Gas Projects	3	24-26			27-29			26-28			11-13		AETI, LAGOS
PROC208	Pipeline Operation & Maintenance	3		9-11			3-5			1-3			14-16	AETI, LAGOS
REFINERY, DRILLING & COMPLETION AND RESERVOIR ENGINEERING COURSES														
REF302	Refinery Operations Process Control	3		4-6		6-8			4-6			18-20		AETI, LAGOS
DRC401	Fundamentals of Drilling Technology	4		9-12			22-25			22-25			7-11	AETI, LAGOS
DRC402	Completion and Subsea Systems	5	10-14			4-8			17-21			2-6		AETI, LAGOS
RES501	Fundamentals of Reservoir Engineering /Reservoir Surveillance	5	24-28			11-15			24-28			23-27		AETI, LAGOS
OIL AND GAS FINANCE AND ACCOUNTING COURSES														
OGF511	Finance for Engineers, Project & Technical Professionals	3		23-25			15-17			2-4			2-4	AETI, LAGOS
OGF512	Oil & Gas Project Finance & Financial Analysis	4	3-6		20-23			7-10			5-8			AETI, LAGOS
OGF513	Forecasting and Analysing Cash Flow	3		18-20			9-11			23-25			14-16	AETI, LAGOS
OIL & GAS MANAGEMENT AND HEALTH SAFETY & ENVIRONMENT COURSES														
OGM601	Introduction to oil and Gas Industry: Overview & the Nigerian Perspective	2	17-18			4-5			4-5			2-3		AETI, LAGOS
OGM602	Oil and Gas Asset Integrity Management	3		2-4			15-17			1-3			1-3	AETI, LAGOS
HSE701	HSE Management in oil & Gas Production Operations	2		18-19			17-18			10-11			15-16	AETI, LAGOS
HSE702	Environmental Impact Assessment	3	12-14		15-17			27-29			14-16			AETI, LAGOS
HSE703	Emergency Preparedness and Response	2	19-20			6-7			11-12			4-5		AETI, LAGOS
HSE704	Job Hazard Analysis (JHA)	2		16-17			1-2			8-9			3-4	AETI, LAGOS
HSE705	Basic first aid Training	2	26-27		6-7			21-22			20-21			AETI, LAGOS
HSE706	Handling, Storage and Transportation of Hazardous Materials	2		4-5			3-4			28-29			8-9	AETI, LAGOS
HSE707	Safety Training in Civil Construction Sites	2	24-25		8-9			23-24			22-23			AETI, LAGOS
MECHANICAL AND UTILITY COURSES														
MEC801	Pumps & Low/High Pressure Compressors: Operation, Troubleshooting & Maintenance	4	10-13				8-11		25-28			16-19		AETI, LAGOS
MEC802	Pumps & Valves: Selection, Installation, Operation & Maintenance	4	3-6		27-30			7-10			5-8			AETI, LAGOS
MEC803	Refrigeration and Air Conditioning (Operation, Troubleshooting & Maintenance)	5		16-20		4-8			10-14			9-13		AETI, LAGOS
MEC804	Heating, Ventilation and Air Conditioning (HVAC) Operations, Troubleshooting & Maintenance	5		23-27			1-5			7-11			14-18	AETI, LAGOS
MEC805	Rotating Equipment Reliability Optimization	5		2-6			15-19			14-18		30 Nov- 4 Dec		AETI, LAGOS
MEC806	Hydraulics & Electrohydraulics Control Systems	5	17-21		20-24			20-24			12-16			AETI, LAGOS
MEC807	Depot Operations, Maintenance & Management	5		9-13		11-15			17-21			16-20		AETI, LAGOS
MEC808	Plumbing & Pipefitting (Theory & Practical)	5	24-28			18-22		13-17			5-9			AETI, LAGOS
MEC809	Practical Diesel Generator Maintenance Course (Engine & Alternator)	5	3-7				8-11			21-25			7-11	AETI, LAGOS
MEC810	Effective Maintenance of Electrical and Mechanical Equipment	5	10-14			11-15			24-28			2-6		AETI, LAGOS
MEC811	Mechanical Drives System Maintenance	5		16-20			22-26			7-11		30 Nov- 4 Dec		AETI, LAGOS
MEC812	Centrifugal and Positive displacement Pumps: Operation, troubleshooting & Maintenance	3	19-21		22-24			28-30			26-28			AETI, LAGOS
MEC813	Industrial Electrical Maintenance For Mechanical Personnel	5	24-28			4-8			10-14			23-27		AETI, LAGOS
AUTOMATION COURSES														
AUT901	Basic PLC - Programming, Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5	24-28			4-8		13-17			5-9			AETI, LAGOS
AUT902	Advanced PLC - Programming , Troubleshooting & Maintenance-RSLogix 5 & 500 (Allen Bradley)	5		2-6		27 May - 2 Jun			10-14			16-20		AETI, LAGOS
AUT903	Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5		23-27			15-19			21-25			7-11	AETI, LAGOS
AUT903_AD	Advanced Logix 5000: Programming, Troubleshooting Maintenance (RSLogix 5000)	5	10-14		20-24			20-24			12-16			AETI, LAGOS
AUT904	Basic PLC - Programming, Troubleshooting & Maintenance (Siemens S7 - 300 & 400)	5	3-7			18-22			24-28			23-27		AETI, LAGOS
AUT905	Advanced PLC - Programming , Troubleshooting & Maintenance (Siemens S7-300 & 400)	5		9-13		22-26			14-18				14-18	AETI, LAGOS
AUT906	Basic PLC - Programming, Troubleshooting & Maintenance-Siemens TIA (S7-1200)	5	17-21			11-15			17-21			2-6		AETI, LAGOS
AUT907	Distributed Control System (DCS) - ABB Freelance	5	16-20				1-5			7-11		30 Nov- 4 Dec		AETI, LAGOS
AUT908	AC Frequency Drives (VFD): Siemens or Danfoss	3		4-6		20-22		20-22			21-23			AETI, LAGOS
AUT910	SCADA/HMI: Rockwell FactoryTalkView	5		23-27		18-22			10-14			9-13		AETI, LAGOS
AUT911	SCADA/HMI: Siemens WinCC Flexible	5	17-21			27 May - 2 Jun							7-11	AETI, LAGOS
AUT912	SCADA/HMI: Wonderware Intouch	5		9-13		22-26			14-18				14-18	AETI, LAGOS
AUT913	Pneumatics & Electro-Pneumatics Control Systems	5		2-6		4-8			24-28			16-20		AETI, LAGOS
AUT914	Advanced Pneumatics & Electro-Pneumatics Automation System	5	16-20				15-19			7-11		30 Nov- 4 Dec		AETI, LAGOS
AUT915	Pneumatics & Electro-Pneumatics in Process Plant	5	3-7		20-24			6-10			5-9			AETI, LAGOS
INSTRUMENTATION COURSES														
INST101	Instrumentation & Control in Process Plant	4	24-27			11-14			18-21			2-5		AETI, LAGOS
INST102	Process Plant Controls	2		30-31			29-30			28-29			7-8	AETI, LAGOS
INST103	Calibration & Maintenance of Process Instruments-Using HART 475 & Fluke 789	4	17-20		6-9			7-10			13-16			AETI, LAGOS
INST105	Fiscal Oil Metering	4		9-12		18-21			25-28			24-27		AETI, LAGOS
INST106	Local Instrumentation Setting and Calibration	5		2-6			1-5			21-25			7-11	AETI, LAGOS
ELECTRICAL & CONTROL COURSES														
ELCO111	Troubleshooting & Repairs of Industrial Electronics Equipment and Systems	5		9-13			22-26			21-25			14-18	AETI, LAGOS
ELCO112	Design & Installations of Electrical Systems	4	10-13		6-9			14-17			5-8			AETI, LAGOS
ELCO113	Industrial Motor Control: Design, Operation and Maintenance	5		23-27			15-19		17-21			2-6		AETI, LAGOS
ELCO114	Electrical Troubleshooting and Repairs - Using Schematic Diagram	5		16-20			1-5			14-18		30 Nov- 4 Dec		AETI, LAGOS
ELCO115	Advanced Electrical Troubleshooting and Repairs - Using Schematic Diagram	5	17-21			18-22		6-10			19-23			AETI, LAGOS
ELCO117	High Voltage Power Systems Equipment	5	3-7				22-26			7-11			14-18	AETI, LAGOS
ELCO118	Safe Use of Electrical Equipment in Hazardous Areas	5	24-28		20-24			20-24			12-16			AETI, LAGOS

ELCO119	Electrical Safety Training System----NFPA 70B & CSA Z462	3		4-6		6-8		24-26		9-11		AETI, LAGOS
ELCO120	Inverter & Solar Panel (Design, Installation and Maintenance)	3		25-27		27-29		19-21		23-25		AETI, LAGOS
ELCO121	MV/HV Switchgear Operations and Maintenance	4	17-20		20-23		27-30		5-9			AETI, LAGOS
ELCO122	Embedded Systems design and Programming	5	10-14			11-15		10-14		16-20		AETI, LAGOS
ELCO123	Electrical Control Panel design and Wiring	5		23-27		15-19		31 Aug -4 Sept		7-11		AETI, LAGOS
ELCO124	Industrial Networking for Automation Systems	5	3-7			4-8	13-17		19-23			AETI, LAGOS
ELCO125	Electrical Protection Systems & Sizing	4		2-3		1-5		1-4		15-18		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 PROGRAMMES: AUTOMATION ENGINEERING, ELECTRICAL & CONTROL ENGINEERING, ELECTRO-MECHANICAL ENGINEERING, POWER AND UTILITIES ENGINEERING
PLUMBING & PIPEFITTING, REFRIGERATION & AIRCONDITIONING, WELDING & FABRICATION**

CITY & GUILDS OF LONDON PROGRAMS:- LEVELS, 1, 2, 3, 4, 5

FOR NOMINATIONS AND ENQUIRIES:

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AETI ADVANTAGES

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