



MTC Training Plan 2019

Course Code	Course Title	Duration	January	February	March	April	May	June	July	August	September	October	November	December
1	Well Control International Certificates													
WC01	IWCF Well Control for Surface BOP Stack	5 Days	30/12-3, 13-17, 27-31	10-14, 24-28	10-14, 24-28	7-11, 21-25	5-9, 19-23	2-6, 16-20	30/6-4, 14-18	28/7-1, 11-15, 25-29	8-12, 22-26	6-10, 20-24	3-7, 17-21	1-5, 15-19, 29-2/1
WC02	IWCF Well Intervention	5 Days	13-17		10-14,		12-16,		14-18		15-19		3-7,	
WC03	IADC Well Sharp	5 Days	6-10, 20-24	3-7, 17-21	3-7, 17-21	31/3-4, 14-18	12-16, 26-30	9-13, 23-27	7-11, 21-25	4-8, 18-22	1-5,15-19	29-3/10, 13-17, 27-31	10-14, 24-28	8-12, 22-26
WC04	IADC Well Intervention	5 Days		10-14,		21-25		16-20		11-15,		13-17		22-26
WC05	BOP Stack and Well Control	5 Days	6-10,		24-28		26-30		21-25		8-12,		10-14,	
WC06	Rig Math & Well Control	5 Days	20-24			7-11,		23-27	7-11,			27-31		15-19
2	Drilling Courses													
DR01	Drilling Principles & Practices	5 Days	13-17		10-14,		26-30		7-11,		15-19		10-14,	
DR02	Basic Directional Drilling	3 Days		4-6,		9-11,		3-5,		13-15		7-9,		10-12,
DR03	Rig Calculations and Kill sheets	3 Days	21-23		25-27	23-25		10-12,		27-29		1-3,		
DR04	Stuck Pipe & Fishing Operation	3 Days	7-9,		12-14,		13-15		15-17		9-11,		26-28	17-19
DR05	Advanced Well Control	5 Days		10-14,		14-18		16-20		11-15,		20-24		1-5,
DR06	Bit , Casing & Well Design	5 Days			24-28			23-27			22-26			8-12,
DR07	Cementing Technology	3 Days	14-16			8-10,		24-26		5-7,			18-20	
DR08	Basic Drilling Fluids	3 Days		11-13,			20-22		8-10,			14-16		23-25
DR09	Basic Completion Program	3 Days		25-27		22-24			22-24		2-4,			17-19
DR10	Wireline & Formation Evaluation	3 Days			5-7,			11-13,		20-22			4-6,	
DR11	Introduction Well Control	3 Days	14-16		11-13,		6-8,		16-18		23-25			9-11,
DR12	Well Engineering	3 Days		18-20		9-11,		17-19		6-8,		28-30		
DR13	Basic Drilling Technology	3 Days	21-23		18-20		7-9,		8-10,		10-12,		11-13,	
DR14	Basic Rig Components	3 Days		5-7,		15-17		10-12,		12-14,		14-16		23-25
DR15	Mud Technology	3 Days	28-30			8-10,		17-19			16-18		25-27	
DR16	Drilling Operations	3 Days		25-27			27-29		22-24			28-30		2-4,
DR17	Practical Well Control	5 Days			24-28			16-20			15-19			8-12,
DR18	Advanced Drilling Operations	3 Days		12-14,			14-16			19-21			5-7,	
DR20	Introduction for Drilling	3 Days				22-24			29-31			8-10,		
DR21	Well Completion and Workover	5 Days		3-7,			19-23			25-29			24-28	
DR22	Drill Bit Technology	5 Days			17-21			2-6,			8-12,			15-19
3	HSE Courses													
HSE01	IADC HSE RIG PASS (International)	5 Days	20-25		3-7,		12-16,		7-11,		1-5,		3-7,	
HSE02	Advanced Fire Fighting	2 Days		27-28		3-4,		19-20		7-8,		30-31		18-19
HSE03	Combined Fire Fighting & First Aid	3 Days	29-31		18-20		27-29		16-18		24-26		26-28	
HSE04	Fire Extinguishers Theoretical & Practical	1 Day		26		30		11		1		3		12
HSE05	H2S	1 Day	22		5		15		30		19		13	
HSE06	Basic First Aid	1 Day		13		11		18		15		10		19
HSE07	Advanced First Aid	2 Days	15-16		25-16		21-22		16-17		10-11,		5-6,	
HSE08	First Aid for H2S	2 Days			11-12,		7-8,			20-21			13-14	
HSE09	Basic Risk Assessment&Risk Management	2 Days		6-7,			1-2,			28-29				17-18
HSE10	Accident Investigation&Risk Management	2 Days			6-7,			12-13,			11-12,			2-3,
HSE11	Accident Incident Investigation Report	1 Day		5			20			21			12	
HSE12	Occupational Health & Safety	1 Day	8			10			3			23		

HSE13	Defensive Driving	2 Days		19-20		13-14		9-10,		3-4,		26-27	
HSE14	Safe Lifting Operations (Sling & Rigging)	1 Day		12			6			17			17
HSE15	Safety & Construction Sites	1 Day		12	18			9			9		18
HSE16	OSHA Scaffolding	3 Days		12-14,		6-8,			5-7,			11-13,	
HSE17	OSHA General Industry	5 Days	13-17		17-21		19-23		14-18		8-12,		17-21
HSE18	OSHA Construction Industry	5 Days		4-8,		7-11,		2-6,		18-22		13-17	8-12,
HSE19	Platinum OSHA	6 Days			24-29			23-25			15-20		15-20
HSE20	Forklift Truck Operations	1 Day		25		17			11			15	
HSE21	Oil Spill Control	1 Day			28		30			13			6
HSE22	Ergonomics	1 Day				3					12		24
HSE23	Welding Safety	1 Day			21				23				7
HSE24	Safe Working Procedures	1 Day				24							
HSE25	H2S & Breathing Apparatus	1 Day		20			16			20			27
HSE26	Permit to Work	1 Day			5				24			3	
HSE27	Abbrasive Wheels	1 Day				4				8			3
HSE28	Noise at Work	1 Day		11				13				29	
HSE29	Offshore Safety	3 Days			4-6,			11-13,			17-19		10-12,
HSE30	HAZMAT	1 Day				9				6			5
HSE31	HSE Induction	2 Days	22-23				28-29		22-23			8-9,	18-19
HSE32	Safety on the Rig	1 Day		12		11		18			12		20
HSE33	HSE Induction for the Rig	1 Day		13			7			21			27
HSE34	أمن المنشآت	3 Days			5-7,			10-12,			23-25		3-5,
HSE35	تتمية مهارات مشرفي السلامة والصحة المهنية	2 Days	16-17			29-30			10-11,			15-16	
4	Mechanical Courses												
ME01	Multi-Stage Pumps	5 Days	6-10,		10-14,		5-9,		7-11,		1-5,		3-7,
ME02	Gas Turbine Theory for Technicians	5 Days		3-7,		7-11,				4-8,			1-5,
ME03	Fluid Power Technology	5 Days			17-21			2-6,				6-10,	
ME04	Vibration Analysis	5 Days		10-14,			12-16,			11-15,			10-14,
ME05	Technical Report Writing	5 Days			24-28								
ME06	Mechanical Sealing	5 Days	13-17			14-18			14-18			13-17	
ME07	Lubrication and greasing	5 Days			3-7,			9-13,			8-12,		8-12,
ME08	Mechanical Maintenance of Boilers	5 Days		17-21			19-23			18-22			17-21
ME09	Boiler Water Treatment	5 Days				21-25			21-25				15-19
ME10	Fasteners	5 Days		24-28				16-20				20-24	
ME11	Failure Analysis	5 Days	20-24			7-11,				25-29			22-26
ME12	Maintenance management	5 Days			10-14,			23-27			15-19		
ME13	Total Productive maintenance (TPM)	5 Days		3-7,			26-30			4-8,			24-28
ME14	Reliability centered maintenance (RCM)	5 Days			17-21				7-11,			27-31	
ME15	Valves Technology	5 Days				14-18				11-15,			1-5,
ME16	Pipeline Engineering	5 Days	27-31				5-9,				22-26		8-12,
ME17	Mechanical Measurements	5 Days		10-14,				2-6,				6-10,	
ME18	Mechanical Basics	5 Days			24-28				14-18				3-7,
ME19	Pumps Technology & Testing	5 Days		17-21				9-13,				13-17	
ME20	Welding Technology	5 Days			3-7,				21-25				10-14,
ME21	Boiler & Burner Maintenance	5 Days	6-10,				12-16,				1-5,		
ME22	Corrosion Engineering	5 Days			10-14,				7-11,				15-19
ME23	Basic Hydraulics	5 Days				21-25				18-22			17-21
ME24	Advanced Hydraulics	5 Days		24-28				16-20				20-24	

ME25	Gear Boxes	5 Days			17-21,				14-18				24-28	
ME26	Filter & Filtration	5 Days				7-11,				25-29				22-26
ME27	Inspection of CO2 Welding	5 Days		3-7,				23-27				27-31		
ME28	High Pressure Welding according to ASME IX	5 Days			24-28				21-25				3-7,	
ME29	تصميم وصيانة دوائر التحكم النيوماتيكي	5 Days		10-14,			19-23				8-12,			1-5,
ME30	الرسم الهندسي للفنيين	5 Days			3-7,			2-6,				6-10,		
ME31	تشغيل وصيانة المضخات	5 Days	13-17			14-18			7-11,				10-14,	
ME32	تشغيل وصيانة محركات الديزل	5 Days					26-30			4-8,				8-12,
5	Electrical Courses													
EL01	Electrical Engineering	5 Days		3-7,				2-6,				6-10,		
EL02	LV & HV Switchgears	5 Days					5-9,							
EL03	Power System Protection	5 Days			17-21				7-11,				3-7,	
EL04	Circuit Breaker and Switchgears	5 Days	6-10,				12-16,				1-5,			1-5,
EL05	Basics of Electrical Engineering	5 Days			24-28					4-8,				
EL06	AC Electrical Drives	5 Days				7-11,			14-18				10-14,	
EL07	Basic Electricity in Industry	5 Days		10-14,				9-13,				13-17		
EL08	Modern Control Technology	5 Days	13-17			14-18			21-25				17-21	
EL09	AC DC Electrical Drives	5 Days		17-21			19-23				8-12,			
EL10	Electrical Installations in the Oil Industrv	5 Days				21-25				11-15,				8-12,
EL11	Power Distribution	5 Days			3-7,			16-20				20-24		
EL12	Fundamentals of Electrical Equipment	5 Days		24-28			26-30				15-19			15-19
EL13	Electric Installation in the Oil Industrv	5 Days				7-11,				18-22			24-28	
EL14	Digital Transmission	5 Days			10-14,				7-11,					22-26
EL15	Basic Electricity	5 Days		3-7,				23-27				27-31		
EL16	Microwave Transmission	5 Days				14-18				25-29				1-5,
EL17	Electrical Installation in Hazardous Areas	5 Days			17-21				14-18				3-7,	
EL18	Fundamentals of Electric Motor Design	5 Days	20-24				5-9,				22-26			
EL19	Power Protection Systems	5 Days			24-28				21-25				10-14,	
EL20	أساسيات الكهرباء	5 Days			3-7,			2-6,			1-5,			
EL21	التركيبات الكهربائية وأبراج الضغط العالي	5 Days	6-10,			21-25				4-8,				8-12,
EL22	دوائر التحكم الكهربائي	5 Days			10-14,				7-11,			6-10,		
6	Production Courses													
PR01	Modern Methods of Heavy Oil Production	5 Days		3-7,				2-6,			8-12,			15-19
PR02	Production Technology	5 Days			24-28				14-18				17-21	
PR03	Well Planning & Engineering	5 Days	6-10,				5-9,			11-15,				
PR04	Well Service Engineering & Operations	5 Days				7-11,			21-25			13-17		
PR05	Artificial Lift Systems	5 Days		10-14,				9-13,			15-19			22-26
PR06	Gas Lift & Gas Pumping	5 Days			3-7,				7-11,				24-28	
PR07	Beam Pumps	5 Days				14-18				18-22				1-5,
PR08	Electrical Submersible Pumps	5 Days			17-21			12-16,			22-26			
PR09	New Oil From Oil Fields	5 Days			10-14,			16-20				20-24		
PR10	Natural Gas Production Technology	5 Days				21-25				25-29				8-12,
PR11	Gas Processing Operations	5 Days			24-28			23-27				6-10,		
PR12	Process Operations Troubleshooting	5 Days			17-21				14-18				3-7,	
PR13	Surface Development & Operations	5 Days	13-17				19-23				1-5,			
PR14	Surface Production Facilities	5 Days				7-11,				4-8,				15-19
PR15	Production Problem Solving	5 Days			24-28				21-25				10-14,	
PR16	Plant Shutdown Systems	5 Days			3-7,			26-30			8-12,			

PR17	Offshore Operation	5 Days			3-7,				7-11,				17-21	
PR18	Surface Production Operations	5 Days	20-24			14-18				11-15,				22-26
PR19	Safety Practices in Wireline	5 Days		10-14,				2-6,				13-17		
PR20	Process Operation Plant & Troubleshooting	5 Days			10-14,				14-18				24-28	
PR21	Advance Operation Skills	5 Days		17-21			5-9,			18-22				1-5,
PR22	Simulation	5 Days				21-25					15-19			
PR23	Distillation	5 Days			17-21					25-29				8-12,
7	Reservoir Courses													
RE01	Reserves Estimation	5 Days			24-28				7-11,				3-7,	
RE02	Advanced Reservoir Engineering	5 Days		3-7,				2-6,				6-10,		
RE03	Well Test Design & Analysis	5 Days			3-7,				14-18				10-14,	
RE04	Advanced Coring & Core Analysis	5 Days		10-14,			5-9,			4-8,				1-5,
RE05	Miscible Gas Injection	5 Days	6-10,			7-11,					1-5,			
RE06	Reservoir Simulation	5 Days		17-21			12-16,			11-15,			17-21	
RE07	Advanced Gas Reservoir Engineering	5 Days			10-14,			9-13,				13-17		
RE08	Cased Hole Drill Stem Testing	5 Days		24-28			19-23			18-22			24-28	
RE09	Basic Reservoir Engineering	5 Days	13-17			14-18			21-25			20-24		
RE10	Reservoir Management	5 Days			17-21			16-20			8-12,			8-12,
8	Instrumentation Courses													
IN01	PLC I (Basic)	5 Days			24-28			23-27			15-19			15-19
IN02	PLC II (Advanced)	5 Days		3-7,					7-11,			27-31		
IN03	Instrumentation and Control Systems	5 Days	20-24			21-25				25-29			3-7,	
IN04	DCS	5 Days			3-7,			2-6,				6-10,		
IN05	Pneumatic Control	5 Days		10-14,			26-30			4-8,			10-14,	
IN06	Process Control for Engineers	5 Days				7-11,			14-18,		22-26			22-26
IN07	Basic Instrumentation	5 Days	27-31				5-9,			11-15,			17-21	
IN08	SCADA Systems	5 Days		17-21				9-13,			1-5,			1-5,
IN09	Instrumentation for Operators	5 Days			10-14,				21-25			13-17		
IN10	Calibration Systems	5 Days				14-18				18-22				8-12,
9	Exploration & Geology Courses													
EXG01	Petrel (all versions) 3D static modeling (basic)	5 Days							7-11,					
EXG02	Petrel 3D static modeling (advanced)	5 Days								4-8,				
EXG03	Seismic attributes analysis	3 Days				8-10,					9-11,			
EXG04	Post and Pre-stack seismic inversion	5 Days										27-31		
EXG05	Advanced seismic data interpretation	5 Days											3-7,	
EXG06	Geophysics for non geophysicists	5 Days												22-26
EXG07	Petrel 3D structure modeling	3 Days		18-20										
EXG08	AVO/AVA analysis using 2D and 3D seismic data	5 Days				17-21								
EXG09	Fault seal analysis	3 Days	14-16					13-15						
EXG10	3D fracture modeling using Petrel	5 Days							16-20					
10	Management Courses													
MA01	Leadership Diploma.	5 Days	27-31					9-13,					17-21	
MA02	Train the Trainer (TOT)	5 Days		10-14,					14-18					8-12,
MA03	Effective team work course.	5 Days			3-7,					18-22				
MA04	Human Resource Management	5 Days				14-18					15-19			
MA05	Presentation Skills	5 Days				21-25					22-26			
MA06	Project Management Professional (PMP)	5 Days					5-9,					13-17		