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# Misr Training Center - Training Plan 2020



Course Code	Course Title	Duration	January	February	March	April	May	June	July	August	September	October	November	December
<b>1 Well Control International Certificates</b>														
WC01	IWCF Well Control for Surface BOP Stack	5 Days	5-9, 19-23	2-6, 16-20	1-5, 15-19, 29-2/4	12-16, 26-30	10-14, 24-28	7-11, 21-25	5-9, 19-23	2-6, 16-20, 30-3/9	13-17, 27-1/10	11-15, 25-29	8-12, 22-26	6-10, 20-24
WC02	IWCF Well Intervention	5 Days	5-9, 19-23		15-19		24-28		19-23		13-17		22-26	
WC03	IADC Well Sharp	5 Days	12-16, 26-30	9-13, 23-27	8-12, 22-26	5-9, 19-23	3-7, 17-21, 31-4/6	14-18, 28-2/7	12-16, 26-30	9-13, 23-26	6-10, 20-24	4-8, 18-22	1-5, 15-19, 29-3/12	13-17, 27-31
WC04	IADC Well Services	5 Days		23-27		19-23		14-18		23-26		18-22		27-31
WC05	BOP Stack and Well Control	5 Days	12-16		22-26		17-21		26-30		20-24		15-19	
WC06	Rig Math & Well Control	5 Days	19-23			12-16		21-25	5-9			11-15		6-10
<b>2 Drilling Courses</b>														
DR01	Drilling Principles & Practices	5 Days	5-9		1-5		3-7		5-9		6-10		1-5	
DR02	Basic Directional Drilling	3 Days		3-5		6-8		1-3		3-5		5-7		14-16
DR03	Rig Calculations and Kill sheets	3 Days	13-15		2-4	13-15		8-10		10-12		12-14		
DR04	Stuck Pipe & Fishing Operation	3 Days	20-22		9-11		4-6		6-8		7-9		9-11	8-10
DR05	Advanced Well Control	5 Days		10-14		5-9		7-11		2-6		4-8		6-10
DR06	Bit, Casing & Well Design	5 Days			8-12			14-18			13-17			13-17
DR07	Cementing Technology	3 Days	6-8			20-22		15-17		17-19			16-18	
DR08	Basic Drilling Fluids	3 Days		10-12			11-13		13-15			19-21		7-9
DR09	Basic Completion Program	3 Days		17-19		27-29		20-22			14-16			14-16
DR10	Wireline & Formation Evaluation	3 Days			16-18			22-24		24-26			23-25	
DR11	Introduction Well Control	3 Days	27-29		23-25		18-20		27-29		21-23			21-23
DR12	Well Engineering	3 Days		24-26		6-8		1-3		3-5		26-28		
DR13	Basic Drilling Technology	3 Days	13-15		2-4		25-27		6-8		7-9		2-4	
DR14	Basic Rig Components	3 Days		3-5		13-15		8-10		10-12		5-7		28-30
DR15	Mud Technology	3 Days	20-22			20-22		15-17			14-16		9-11	
DR16	Drilling Operations	3 Days		10-12			4-6		13-15			12-14		7-9
DR17	Practical Well Control	5 Days			15-19			21-25			20-24			13-17
DR18	Advanced Drilling Operations	3 Days		17-19			11-13			17-19			16-18	
DR20	Introduction for Drilling	3 Days				27-29			20-22			19-21		
DR21	Well Completion and Workover	5 Days		24-28			24-28			23-27			22-26	
DR22	Drill Bit Technology	5 Days			22-26			14-18			13-17			20-24
<b>3 HSE Courses</b>														
HSE01	IADC HSE RIG PASS (International)	5 Days	5-9		1-5		3-7		5-9		6-10		1-5	
HSE02	Advanced Fire Fighting	2 Days		3-5		6-7		1-2		10-11		1-2		1-2
HSE03	Combined Fire Fighting & First Aid	3 Days	6-8		9-11		11-13		6-8		7-9		9-11	
HSE04	Fire Extinguishers Theoretical & Practical	1 Day		11		8		8		12		12		28
HSE05	H2S	1 Day	14		10		18		14		1		16	
HSE06	Basic First Aid	1 Day		18		13		9		3		13		29
HSE07	Advanced First Aid	2 Days	21-22		16-17		25-26		20-22		15-16		23-24	
HSE08	First Aid for H2S	2 Days			23-24		4-5			4-5			2-3	
HSE09	Basic Risk Assessment&Risk Management	2 Days		17-18			11-12			17-18				21-22
HSE10	Accident Investigation&Risk Management	2 Days			30-31			15-16			22-23			7-8
HSE11	Accident Incident Investigation Report	1 Day		19			4			19			4	
HSE12	Occupational Health & Safety	1 Day	15			14			15			19		
HSE13	Defensive Driving	2 Days		24-25			18-19		27-28		28-29		9-10	
HSE14	Safe Lifting Operations (Sling & Rigging)	1 Day			2			10			30			14
HSE15	Safety & Construction Sites	1 Day		26		20			29			20		15
HSE16	OSHA Scaffolding	3 Days			9-11		4-6			24-25			2-4	
HSE17	OSHA General Industry	5 Days	19-23		23-27		10-14		12-16		13-17		22-26	
HSE18	OSHA Construction Industry	5 Days		2-6		12-16		7-11		2-6		18-22		6-10
HSE19	Platinum OSHA	6 Days			14-19			20-25			20-25			12-17
HSE20	Forklift Truck Operations	1 Day		17		21			21			26		
HSE21	Oil Spill Control	1 Day			16		25			26			11	
HSE22	Ergonomics	1 Day				27					23			8
HSE23	Welding Safety	1 Day			23				22				18	
HSE24	Safe Working Procedures	1 Day				28								
HSE25	H2S & Breathing Apparatus	1 Day		24			26			31			30	

HSE26	Permit to Work	1 Day			17				7			27	
HSE27	Abbrasive Wheels	1 Day				22				10			30
HSE28	Noise at Work	1 Day		25				8				28	
HSE29	Offshore Safety	3 Days			2-4,			15-17			28-30		21-23
HSE30	HAZMAT	1 Day				6				19			10
HSE31	HSE Induction	2 Days	20-21				4-5,		20-21			5-6,	14-15
HSE32	Safety on the Rig	1 Day		3		7		30			8		17
HSE33	HSE Induction for the Rig	1 Day		10			6			18			24
HSE34	أمن المنشآت	3 Days			9-11,			22-24			14-16		7-9,
HSE35	تنمية مهارات مشرفي السلامة والصحة المهنية	2 Days	6-7,			27-28			7-8,			19-20	
4	Mechanical Courses												
ME01	Multi-Stage Pumps	5 Days	5-9,		1-5,		3-7,		5-9,		6-10,		1-5,
ME02	Gas Turbine Theory for Technicians	5 Days		2-6,		5-9,				2-6,			6-10,
ME03	Fluid Power Technology	5 Days			8-12,			7-11,				4-8,	
ME04	Vibration Analysis	5 Days		9-13,			10-14,			9-13,			8-12,
ME05	Techincal Report Writing	5 Days			15-19								
ME06	Mechanical Sealing	5 Days	12-16,			12-16,			12-16,			11-15,	
ME07	Lubrication and greasing	5 Days			22-26			14-18			13-17		13-17
ME08	Mechnanical Maintenance of Boilers	5 Days		16-20			17-21			16-20			15-19
ME09	Boiler Water Treatment	5 Days				19-23			19-23				20-24
ME10	Fasteners	5 Days		23-26				21-25				18-22	
ME11	Failure Analysis	5 Days	19-23			26-30				23-27			27-31
ME12	Maintenance management	5 Days			1-5,			7-11,			20-24		
ME13	Total Productive maintenance (TPM)	5 Days		2-6,			24-28			2-6,			22-26
ME14	Reliability centered maintenance ( RCM )	5 Days			8-12,				26-30			25-29	
ME15	Valves Technology	5 Days				5-9,				9-13,			6-10,
ME16	Pipeline Engineering	5 Days	26-30				3-7,				6-10,		13-17
ME17	Mechanical Measurements	5 Days		9-13,				14-18				4-8,	
ME18	Mechanical Basics	5 Days			15-19				5-9,				1-5,
ME19	Pumps Technology & Testing	5 Days		16-20				21-25				11-15,	
ME20	Welding Technology	5 Days			22-26				12-16,				8-12,
ME21	Boiler & Burner Maintenance	5 Days	5-9,				10-14,				13-17		
ME22	Corrosion Engineering	5 Days			1-5,				19-23				20-24
ME23	Basic Hydraulics	5 Days				12-16,				16-20			15-19
ME24	Advanced Hydraulics	5 Days		23-26				7-11,				18-22	
ME25	Gear Boxes	5 Days			8-12,				26-30				22-26
ME26	Filter & Filtration	5 Days				19-23				23-27			27-31
ME27	Inspection of CO2 Welding	5 Days		2-6,				14-18				25-29	
ME28	High Pressure Welding according to ASME IX	5 Days			15-19				5-9,				1-5,
ME29	تصميم وصيانة دوائر التحكم النيوماتيكي	5 Days		9-13,			17-21				20-24		6-10,
ME30	الرسم الهندسي للفنيين	5 Days			22-26			21-25				4-8,	
ME31	تشغيل وصيانة المضخات	5 Days	12-16,			26-30			12-16,				8-12,
ME32	تشغيل وصيانة محركات الديزل	5 Days					24-28			2-6,			13-17
5	Electrical Courses												
EL01	Electrical Engineering	5 Days		2-6,				7-11,				4-8,	
EL02	LV & HV Switchgears	5 Days					3-7,						
EL03	Power System Protection	5 Days			1-5,				5-9,				1-5,
EL04	Circuit Breaker and Switchgears	5 Days	5-9,				10-14,				6-10,		6-10,
EL05	Basics of Electrical Engineering	5 Days			8-12,					2-6,			
EL06	AC Electrical Drives	5 Days				5-9,			12-16,				8-12,
EL07	Basic Electricity in Industry	5 Days		9-13,				14-18				11-15,	
EL08	Modern Control Technology	5 Days	12-16,			12-16,			19-23				15-19
EL09	AC DC Electrical Drives	5 Days		16-20			17-21				13-17,		
EL10	Electrical Installations in the Oil Industry	5 Days				19-23				9-13,			13-17
EL11	Power Distribution	5 Days			15-19,			21-25				18-22	
EL12	Fundamentals of Electrical Equipment	5 Days		23-27			24-28				20-24		20-24
EL13	Electric Installation in the Oil Industry	5 Days				26-30				16-20			22-26
EL14	Digital Transmission	5 Days			22-26				26-30				27-31
EL15	Basic Electricity	5 Days		2-6,				7-11,				25-29	
EL16	Microwave Transmission	5 Days				5-9,				23-27			6-10,
EL17	Electrical Installation in Hazardous Areas	5 Days			1-5,				5-9,				1-5,
EL18	Fundamentals of Electric Motor Design	5 Days	19-23				3-7,				6-10,		
EL19	Power Protection Systems	5 Days			8-12,				12-16,				8-12,
EL20	أساسيات الكهرباء	5 Days			15-19			14-18			13-17		
EL21	التركيبات الكهربائية وأبراج الضغط العالي	5 Days	5-9,			12-16,				2-6,			13-17



EL22	دوائر التحكم الكهربائي	5 Days			22-26			19-23			4-8,		
6	Production Courses												
PR01	Modern Methods of Heavy Oil Production	5 Days		2-6,				7-11,			6-10,		6-10,
PR02	Production Technology	5 Days			1-5,			5-9,				1-5,	
PR03	Well Planning & Engineering	5 Days	5-9,				3-7,			2-6,			
PR04	Well Service Engineering & Operations	5 Days				5-9,			12-16,		4-8,		
PR05	Artificial Lift Systems	5 Days		9-13,				14-18			13-17		
PR06	Gas Lift & Gas Pumping	5 Days			8-12,				19-23			8-12,	
PR07	Beam Pumps	5 Days				12-16,				9-13,			20-24
PR08	Electrical Submersible Pumps	5 Days		16-20			10-14,				20-24		
PR09	New Oil From Oil Fields	5 Days			15-19			21-25				11-15,	
PR10	Natural Gas Production Technology	5 Days				19-23				16-20			27-31
PR11	Gas Processing Operations	5 Days		23-27			17-21	7-11,				18-22	
PR12	Process Operations Troubleshooting	5 Days			22-26				26-30				15-19
PR13	Surface Development & Operations	5 Days	12-16,				24-28				6-10,		
PR14	Surface Production Facilities	5 Days				26-30				23-27			6-10,
PR15	Production Problem Solving	5 Days			1-5,				5-9,				22-26
PR16	Plant Shutdown Systems	5 Days		2-6,			3-7,				13-17		
PR17	Offshore Operation	5 Days			8-12,				12-16,			1-5,	
PR18	Surface Production Operations	5 Days	19-23			5-9,				2-6,			13-17
PR19	Safety Practices in Wireline	5 Days		9-13,				14-18				25-29	
PR20	Process Operation Plant & Troubleshooting	5 Days			15-19				19-23				8-12,
PR21	Advance Operation Skills	5 Days		16-20			10-14,			9-13,			20-24
PR22	Simulation	5 Days				12-16,					20-24		
PR23	Distillation	5 Days			22-26					16-20			6-10,
7	Reservoir Courses												
RE01	Reserves Estimation	5 Days			1-5,				5-9,				1-5,
RE02	Advanced Reservoir Engineering	5 Days		2-6,				7-11,				4-8,	
RE03	Well Test Design & Analysis	5 Days			8-12,				12-16,				8-12,
RE04	Advanced Coring & Core Analysis	5 Days		9-13,			3-7,			2-6,			6-10,
RE05	Miscible Gas Injection	5 Days	5-9,			5-9,					6-10,		
RE06	Reservoir Simulation	5 Days		16-20			10-14,			9-13,			15-19
RE07	Advanced Gas Reservoir Engineering	5 Days			15-19			14-18				11-15,	
RE08	Cased Hole Drill Stem Testing	5 Days		23-27			17-21			16-20			22-26
RE09	Basic Reservoir Engineering	5 Days	12-16,			12-16,	24-28		19-23			18-22	
RE10	Reservoir Management	5 Days			22-26			21-25			13-17		13-17
8	Instrumentation Courses												
IN01	PLC I (Basic)	5 Days			1-5,			7-11,			20-24		20-24
IN02	PLC II (Advanced)	5 Days		2-6,					26-30			25-29	
IN03	Instrumentation and Control Systems	5 Days	19-23			19-23				23-27			1-5,
IN04	DCS	5 Days			8-12,			14-18				4-8,	
IN05	Pneumatic Control	5 Days		9-13,			3-7,			2-6,			8-12,
IN06	Process Control for Engineers	5 Days				26-30			5-9,		6-10,		27-31
IN07	Basic Instrumentation	5 Days	26-30				10-14,			9-13,			15-19
IN08	SCADA Systems	5 Days		16-20				21-25			13-17		6-10,
IN09	Instrumentation for Operators	5 Days			15-19				12-16,			11-15,	
IN10	Calibration Systems	5 Days				5-9,				16-20			13-17
9	Exploration & Geology Courses												
EXG01	Petrel (all versions) 3D static modeling (basic)	5 Days							5-9,				
EXG02	Petrel 3D static modeling (advanced)	5 Days								2-6,			
EXG03	Seismic attributes analysis	3 Days				6-8,					7-9,		
EXG04	Post and Pre-stack seismic inversion	5 Days										4-8,	
EXG05	Advanced seismic data interpretation	5 Days											1-5,
EXG06	Geophysics for non geophysicists	5 Days											6-10,
EXG07	Petrel 3D structure modeling	3 Days		3-5,									
EXG08	AVO/AVA analysis using 2D and 3D seismic data	5 Days			8-12,								
EXG09	Fault seal analysis	3 Days	6-8,				4-6,						
EXG10	3D fracture modeling using Petrel	5 Days						7-11,					
10	Management Courses												
MA01	Leadership Diploma.	5 Days	12-16,					14-18					8-12,
MA02	Train the Trainer (TOT)	5 Days		9-13,					12-16,				13-17
MA03	Effective team work course.	5 Days			15-19					9-13,			
MA04	Human Resource Management	5 Days				12-16,					13-17,		
MA05	Presentation Skills	5 Days				19-23					20-24		
MA06	Project Management Professional (PMP)	5 Days					17-21					11-15,	