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2021



MISR TRAINING CENTER TRAINING PLAN



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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	3-7, 17-21	31/1-4/2, 14-18	28/2-4/3, 14-18, 28/3-1/4	11-15, 25-29	9-13, 23-27	6-10, 20-24	4-8, 18-22	1-5, 15-19, 29/8-2/9	12-16, 26-30	10-14, 24-28	7-11, 21-25	5-9, 19-23
WC02	IWCF Well Intervention	5 Days	3-7, 17-21		14-18		9-13, 23-27		4-8, 18-22		12-16, 26-30		7-11, 21-25	
WC03	IADC Well Sharp	5 Days	10-14, 24-28	7-11, 21-25	7-11, 21-25	4-8, 18-22	2-6, 16-20	30/5-3/6, 13-17	27/6-1/7, 11-15, 25-29	8-12, 22-26	5-9, 19-23	3-7, 17-21	31/10-4/11, 14-18	28/11-2/12, 12-16
WC04	IADC Well Services	5 Days		21-25		18-22		13-17		22-26		17-21		26-30
WC05	BOP Stack and Well Control	5 Days	3-7,		14-18		23-27		11-15,		26-30		21-25	
WC06	Rig Math & Well Control	5 Days	10-14,			4-8,		20-24	18-22			24-28		19-23
2	Drilling Courses													
DR01	Drilling Principles & Practices	5 Days	17-21		7-11,		9-13,		4-8,		12-16,		14-18	
DR02	Directional Drilling Technology	3 Days		8-10,		12-14,		5-7,		2-4,		4-6,		6-8,
DR03	Rig Calculations and Kill sheets	3 Days	4-6,		22-24	19-21		14-16		23-25		18-20		
DR04	Stuck Pipe & Fishing Operation	3 Days	20-22		8-10,		24-26		19-21		27-29		22-24	20-22
DR05	Advanced Well Control	5 Days		7-11,		4-8,		13-17		8-12,		17-21		26-30
DR06	Bit, Casing & Well Design	5 Days			21-25			6-10,			19-23			5-9,
DR07	Cementing Technology	3 Days	11-13,			5-7,		14-16		9-11,			15-17	
DR08	Basic Drilling Fluids	3 Days		8-10,			3-5,		5-7,			4-6,		13-15
DR09	Basic Completion Program	3 Days		15-17		26-28			19-21		6-8,			20-22
DR10	Wireline & Formation Evaluation	3 Days			1-3,			21-23		16-18			22-24	
DR11	Introduction Well Control	3 Days	18-20		8-10,		10-12,		12-14,		13-15,			27-29
DR12	Well Engineering	3 Days		22-24		12-14,		7-9,		2-4,		11-13,		
DR13	Basic Drilling Technology	3 Days	25-27		15-17		17-19		26-28		20-22		1-3,	
DR14	Basic Rig Components	3 Days		1-3,		19-21		14-16		23-25		18-20		6-8,
DR15	Mud Engineer	3 Days	4-6,			5-7,		21-23			27-29		8-10,	
DR16	Drilling Operations	3 Days		8-10,			24-26,		5-7,			25-27		13-15
DR17	Practical Well Control	5 Days			22-26			6-10,			5-9,			5-9,
DR18	Advanced Drilling Operations	3 Days		15-17			3-5,			9-11,			15-17	
DR19	Well Completion and Workover	5 Days		7-11,			23-27			8-12,			14-18	
DR20	Drill Bit Technology	5 Days			7-11,			13-17			19-23			12-16,
3	HSE Courses													
HSE01	IADC HSE RIG PASS (International)	5 Days	4-6,		7-11,		2-6,		4-8,		5-9,		1-5,	
HSE02	Advanced Fire Fighting	2 Days		1-2,		6-7,		1-2,		2-3,		4-5,		6-7,
HSE03	Combined Fire Fighting & First Aid	3 Days	11-13,		15-17		10-12,		12-14,		13-15		1-3,	
HSE04	Fire Extinguishers Theoretical & Practical	1 Day		3		5		8		4		6		8
HSE05	H2S	1 Day	19		22		17		19		1		8	
HSE06	Basic First Aid	1 Day		8		12		9		9		11		13
HSE07	Advanced First Aid	2 Days	25-26		23-24		18-19		20-21		20-21		9-10,	
HSE08	First Aid for H2S	2 Days			29-30		24-25			10-11,			15-16	
HSE09	Basic Risk Assessment&Risk Management	2 Days		9-10,			3-4,			16-17				14-15
HSE10	Accident Investigation & Risk Management	2 Days			2-3,			15-16			27-28			20-21
HSE11	Accident Incident Investigation Report	1 Day		15			5			18			17	
HSE12	Occupational Health & Safety	1 Day	20			13			5			12		
HSE13	Defensive Driving	2 Days		16-17			11-12,		6-7,		6-7,		22-23	
HSE14	Safe Lifting Operations (Sling & Rigging)	1 Day			1			23			8			22
HSE15	Safety & Construction Sites	1 Day		22		14			27			13		27
HSE16	OSHA Scaffolding	3 Days			1-3,		17-19			23-25			8-10,	
HSE17	OSHA General Industry	5 Days	3-7,		21-25		16-20		11-15,		26-30		21-15	
HSE18	OSHA Construction Industry	5 Days		7-11,		11-15,		13-17		2-6,		17-21		12-16,
HSE19	Platinum OSHA	6 Days			6-11,			5-10,			4-9,			18-23
HSE20	Forklift Truck Operations	1 Day		17		21			21			26		
HSE21	Oil Spill Control	1 Day			8		25			25			10	
HSE22	Ergonomics	1 Day				27					22			8
HSE23	Welding Safety	1 Day			9				26				17	
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				7				10				15
HSE28	Noise at Work	1 Day		1				8				4		
HSE29	Offshore Safety	3 Days			15-17			14-16			13-15			20-22
HSE30	HAZMAT	1 Day				6				18			24	
HSE31	HSE Induction	2 Days	11-12,				4-5,		20-21			5-6,		27-28
HSE32	Safety on the Rig	1 Day		2		5		30			8		1	
HSE33	HSE Induction for the Rig	1 Day		10			17			4			2	
HSE34	Confined Space	1 Day	18	15	24	12	24	2	5	9	28	19	3	14
HSE35	Safe Handling of chemicals & TTT	5 days		14-18		4-8,		6-10,		8-12,		3-7,		5-9,
HSE36	Isolation / LOTO / HARC	2 days	18-19		2-3,		3-4,		6-7,		6-7,		8-9,	

HSE37	Working at Heights L.2 / Man Riding	2 Days		22-23		12-13		14-15		16-17		11-12		20-21
HSE38	Observation Intervention	1 day	26		8		10		12		13		10	
HSE39	Gas Test	1 Day		24		19		16		30		18		1
HSE40	Process Safety Management L. 1	2 Days	5-6		15-16		17-18		19-20		27-28		15-16	
HSE41	Process Safety Management L.2	3 Days		8-10		26-28		28-30		23-25		25-27		27-29
HSE42	أمن المنشآت	3 Days			29-31			21-23			20-22			6-8
HSE43	تنمية مهارات مشرفي السلامة والصحة المهنية	2 Days	25-26			27-28			26-27			11-12		
4	Mechanical Courses													
ME01	Multi-Stage Pumps	5 Days	10-14		7-11		2-6		4-8		5-9		7-11	
ME02	Gas Turbine Theory for Technicians	5 Days		7-11		4-8				1-5		3-7		5-9
ME03	Fluid Power Technology	5 Days			14-18			6-10				10-14		
ME04	Vibration Analysis	5 Days		14-18			9-13			8-12			14-18	
ME05	Technical Report Writing	5 Days			21-25									
ME06	Mechanical Sealing	5 Days	17-21			11-15			11-15				17-21	
ME07	Lubrication and greasing	5 Days			7-11			13-17			12-16			12-16
ME08	Mechanical Maintenance of Boilers	5 Days		21-25			16-20			15-19			21-25	
ME09	Boiler Water Treatment	5 Days				18-22			18-22					19-23
ME10	Fasteners	5 Days		7-11				20-24					24-28	
ME11	Failure Analysis	5 Days	24-28			25-29				22-26				26-30
ME12	Maintenance management	5 Days			14-18			6-10			19-24			
ME13	Total Productive maintenance (TPM)	5 Days		14-18			23-27			1-5			7-11	
ME14	Reliability centered maintenance (RCM)	5 Days			21-25				25-29			3-7		
ME15	Valves Technology	5 Days				4-8				8-12				5-9
ME16	Pipeline Engineering	5 Days	3-7				2-6				26-30			12-16
ME17	Mechanical Measurements	5 Days		21-25				13-17				10-14		
ME18	Mechanical Basics	5 Days			7-11				5-9				14-18	
ME19	Pumps Technology & Testing	5 Days		7-11				20-24					17-21	
ME20	Welding Technology	5 Days			14-18				12-16				21-25	
ME21	Boiler & Burner Maintenance	5 Days	10-14				9-13				5-9			
ME22	Corrosion Engineering	5 Days			21-25				19-23					19-23
ME23	Basic Hydraulics	5 Days				11-15				15-19			7-11	
ME24	Advanced Hydraulics	5 Days		14-18				6-10					24-28	
ME25	Gear Boxes	5 Days			7-11				26-30				14-18	
ME26	Filter & Filtration	5 Days				18-22				22-26				26-30
ME27	Inspection of CO2 Welding	5 Days		21-25				13-17					3-7	
ME28	High Pressure Welding according to ASME IX	5 Days			14-18				5-9				21-25	
ME29	تصميم وصيانة دوائر التحكم النيوماتيكي	5 Days		7-11			16-20				12-16			5-9
ME30	الرسم الهندسي للفنيين	5 Days			21-25			20-24					10-14	
ME31	تشغيل وصيانة المضخات	5 Days	17-21			25-29			12-16				7-11	
ME32	تشغيل وصيانة محركات الديزل	5 Days					23-27			1-5				12-16
5	Electrical Courses													
EL01	Electrical Engineering	5 Days		7-11				6-10					3-7	
EL02	LV & HV Switchgears	5 Days					2-6							
EL03	Power System Protection	5 Days			7-11				4-8				7-11	
EL04	Circuit Breaker and Switchgears	5 Days	3-7				9-13				5-9			5-9
EL05	Basics of Electrical Engineering	5 Days			14-18					1-5				
EL06	AC Electrical Drives	5 Days				4-8			11-15				14-18	
EL07	Basic Electricity in Industry	5 Days		14-18				13-17					10-14	
EL08	Modern Control Technology	5 Days	10-14			11-15			18-22				21-25	
EL09	AC DC Electrical Drives	5 Days		21-25			16-20					12-16		
EL10	Electrical Installations in the Oil Industry	5 Days				18-22				8-12				12-16
EL11	Power Distribution	5 Days			21-25			20-24					17-21	
EL12	Fundamentals of Electrical Equipment	5 Days		7-11			23-27				19-23			19-23
EL13	Electric Installation in the Oil Industry	5 Days				25-29				15-19			7-11	
EL14	Digital Transmission	5 Days			7-11				25-29					26-30
EL15	Basic Electricity	5 Days		14-18				6-10					24-28	
EL16	Microwave Transmission	5 Days				4-8				22-26				5-9
EL17	Electrical Installation in Hazardous Areas	5 Days			14-18				4-8				14-18	
EL18	Fundamentals of Electric Motor Design	5 Days	17-21				2-6				26-30			
EL19	Power Protection Systems	5 Days			21-25				11-15				21-25	
EL20	أساسيات الكهرباء	5 Days			7-11			13-17			5-9			
EL21	التكبيبات الكهربائية وأبراج الضغط العالي	5 Days	24-28			11-15				1-5				12-16
EL22	دوائر التحكم الكهربائي	5 Days			14-18				18-22				3-7	
6	Production Courses													
PR01	Modern Methods of Heavy Oil Production	5 Days		7-11				6-10			5-9			5-9
PR02	Production Technology	5 Days			21-25				4-8				7-11	
PR03	Well Planning & Engineering	5 Days	3-7				23-27			1-5				
PR04	Well Service Engineering & Operations	5 Days				4-8			11-15				3-7	

PR05	Artificial Lift Systems	5 Days		14-18,				13-17,			12-16,			12-16,
PR06	Gas Lift & Gas Pumping	5 Days			7-11,				18-22				14-18	
PR07	Beam Pumps	5 Days				11-15,				8-12,				19-23
PR08	Electrical Submersible Pumps	5 Days		21-25			2-6,				19-23			
PR09	New Oil From Oil Fields	5 Days			14-18			20-24				10-14,		
PR10	Natural Gas Production Technology	5 Days				18-22				15-19				26-30
PR11	Gas Processing Operations	5 Days		7-11,				6-10,				17-21		
PR12	Process Operations Troubleshooting	5 Days			21-25				25-29				21-25	
PR13	Surface Development & Operations	5 Days	10-14,				9-13,				26-30			
PR14	Surface Production Facilities	5 Days				4-8,				22-26				5-9,
PR15	Production Problem Solving	5 Days			7-11,				4-8,				7-11,	
PR16	Plant Shutdown Systems	5 Days		14-18			16-20				5-9,			
PR17	Offshore Operation	5 Days			14-18				11-15,				14-18	
PR18	Surface Production Operations	5 Days	17-21			11-15,				1-5,				12-16,
PR19	Safety Practices in Wireline	5 Days		21-25				13-17				24-28		
PR20	Process Operation Plant & Troubleshooting	5 Days			21-25				18-22				21-25	
PR21	Advance Operation Skills	5 Days		7-11,			23-27			8-12,				19-23
PR22	Simulation	5 Days				18-22					12-16,			
PR23	Distillation	5 Days			7-11,					15-19				26-30
7	Reservoir Courses													
RE01	Reserves Estimation	5 Days			7-11,				5-9,				7-11,	
RE02	Advanced Reservoir Engineering	5 Days		7-11,				6-10,				3-7,		
RE03	Well Test Design & Analysis	5 Days			14-18				12-16,				14-18	
RE04	Advanced Coring & Core Analysis	5 Days		14-18			2-6,			1-5,				19-23
RE05	Miscible Gas Injection	5 Days	3-7,			4-8,					5-9,			
RE06	Reservoir Simulation	5 Days		21-25			9-13,			8-12,			21-25	
RE07	Advanced Gas Reservoir Engineering	5 Days			21-25			13-17				10-14,		
RE08	Cased Hole Drill Stem Testing	5 Days		7-11,			16-20			15-19			7-11,	
RE09	Basic Reservoir Engineering	5 Days	10-14,			11-15,	23-27		19-23			17-21		
RE10	Reservoir Management	5 Days			7-11,			20-24			12-16,			26-30
8	Instrumentation Courses													
IN01	PLC I (Basic)	5 Days			14-18			6-10,			19-23			5-9,
IN02	PLC II (Advanced)	5 Days		14-18					26-30			24-28		
IN03	Instrumentation and Control Systems	5 Days	17-21			18-22				22-26			14-18	
IN04	DCS	5 Days			21-25			13-17				3-7,		
IN05	Pneumatic Control	5 Days		21-25			2-6,			1-5,			21-25	
IN06	Process Control for Engineers	5 Days				25-29			5-9,		5-9,			12-16,
IN07	Basic Instrumentation	5 Days	24-28				9-13,			8-12,			7-11,	
IN08	SCADA Systems	5 Days		7-11,				20-24			12-16,			19-23
IN09	Instrumentation for Operators	5 Days			7-11,				12-16,			10-14,		
IN10	Calibration Systems	5 Days				4-8,				15-19				26-30
9	Exploration & Geology Courses													
EXG01	Petrel (all versions) 3D static modeling (basic)	5 Days							4-8,					
EXG02	Petrel 3D static modeling (advanced)	5 Days								1-5,				
EXG03	Seismic attributes analysis	3 Days				5-7,					6-8,			
EXG04	Post and Pre-stack seismic inversion	5 Days										3-7,		
EXG05	Advanced seismic data interpretation	5 Days											14-18	
EXG06	Geophysics for non geophysicists	5 Days												12-16,
EXG07	Petrel 3D structure modeling	3 Days		8-10,										
EXG08	AVO/AVA analysis using 2D and 3D seismic data	5 Days			7-11,									
EXG09	Fault seal analysis	3 Days	11-13,				17-19							
EXG10	3D fracture modeling using Petrel	5 Days						20-24						
10	Management Courses													
MA01	Leadership Diploma.	5 Days	24-28					6-10,					21-25	
MA02	Train the Trainer (TOT)	5 Days		21-25					11-15,					19-23
MA03	Effective team work course.	5 Days			14-18					15-19,				
MA04	Human Resource Management	5 Days				11-15,					12-16,			
MA05	Presentation Skills	5 Days				18-22					19-23			
MA06	Project Management Professional (PMP)	5 Days					23-27					24-28		
11	Inspection Courses													
IN01	Rig Equipment Inspection	5 days		14-18				13-17				10-14,		
IN02	Maintenance & Inspection of Static Equipment	4 weeks			7-1/4,				4-29,				7-2/12,	
IN03	Inspection, Evaluation and Repair of Process Plant Equipment and Connected Piping	2 weeks				4-15,				8-19,				5-16,
12	Logistics Courses													
LG01	Logistics and supply chain management	4 weeks		7-4/3,				6-1/7,				3-28,		
LG02	Supply Chain Logistics	1 day	20			5				2			1	
LG03	Supply Chain Operations	2 days	4-5,			6-7,				3-4,			2-3,	

LG04	Supply Chain Planning	2 days	11-12,			12-13,			9-10,			15-16
LG05	Supply Chain Sourcing	2 days	18-19,			19-20			16-17			22-23
LG06	Supply Chain Management Strategy	2 days	26-27			26-27			23-24			28-29
LG07	Blockchain and Cryptocurrency Explained	1 day	6			28			25			30
13	Computer & IT Courses											
IT01	Object Oriented Programming Using C++	2 days	11-12,					7-8,				
IT02	Advanced C++	4 days		7-10,					4-7,			
IT03	.NET Framework 3.0	1 day			10					10		
IT04	Access 2010 Advanced	2 days				12-13,					13-14	
IT05	Access 2010 Core	3 days					10-12,					11-13,
IT06	Android Mobile Applications Development Diploma	2 weeks						13-24				7-18,
IT07	Autodesk Revit Architecture 2020 Fundamentals	5 days	17-21						11-15,			12-16,
IT08	ICDL	5 days		14-18						15-19		
IT09	Autodesk 3ds Max 2019 - Basic level	5 days			21-25						19-23	
IT10	Autodesk 3ds Max 2019 - Advanced level	2 weeks				11-22,						17-28
14	English Courses											
EN01	General English - Level 01	3 days	18-20									4-6,
EN02	General English - Level 02	3 days		8-10,								8-10,
EN03	General English - Level 03	3 days			1-3,							6-8,
EN04	General English - Level 04	3 days				5-7,						
EN05	General English - Level 05	3 days					3-5,					
EN06	General English - Level 06	3 days						1-3,				
EN07	General English - Level 07	3 days							5-7,			
EN08	General English - Level 08	3 days								2-4,		
EN09	General English - Level 09	3 days									6-8,	
EN10	Conversational English - Level 01	4 days	24-27									10-13,
EN11	Conversational English - Level 02	4 days		14-17								14-17
EN12	Conversational English - Level 03	4 days			7-10,							12-15,
EN13	Conversational English - Level 04	4 days				11-14,						
EN14	Conversational English - Level 05	4 days					9-12,					
EN15	Conversational English - Level 06	4 days						6-9,				
EN16	Conversational English - Level 07	4 days							11-14,			
EN17	Conversational English - Level 08	4 days								8-11,		
EN18	Conversational English - Level 09	4 days									12-15,	
EN19	TOEFL Preparation	2 weeks			14-25			13-24				17-28