

Drilnet



TRAINING CATALOGUE



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SUMMARY

» **Petroleum Courses**

- Drilling
- Completion
- Reservoir

» **Safety (Maritime and Industries)**

- Offshore Safety
- Helicopter Safety
- Maritime Security
- Dynamic Positioning Operator
- Safety and Fire fighting

» **GEOSCIENCES**

Petroleum Courses

DRILLING COURSES					
Course Title	Level			Who Should Attend	Duration
	Basic (B)	Advanced (A)	Specialization (S)		
Introduction to Petroleum Industry & Drilling	B			<ul style="list-style-type: none"> For non operating staff in drilling activities Roustabout (before first practice on site) Trainee Drilling Supervisor / Engineer (beginner) 	5 days
Drilling Rigs and Rig Equipments	B			<ul style="list-style-type: none"> Roustabout Roughneck Derrick man Contractor maintenance crew Trainee Drilling Supervisor / Engineer 	5 days
Rig Mud Equipments and Mud system	B			<ul style="list-style-type: none"> Derrick man Trainee Drilling Supervisor / Engineer 	5 days
Well construction (Drilling materials, equipments and operations)	B			<ul style="list-style-type: none"> Assistant Driller 	5 days
		A		<ul style="list-style-type: none"> Assistant Driller/ Driller Trainee Drilling Supervisor / Engineer 	10 days
Introduction to Geology And Reservoir	B			<ul style="list-style-type: none"> Assistant Driller/ Driller/Toolpusher Trainee Drilling Supervisor / Engineer 	5 days
Drilling practices and Operations		A		<ul style="list-style-type: none"> Assistant Driller/ Driller/Toolpusher Trainee Drilling Supervisor / Engineer 	10 days
Rig Sizing - Drillstring and Casing Design	B			<ul style="list-style-type: none"> Driller /Toolpusher 	5 days
		A		<ul style="list-style-type: none"> Trainee Drilling Supervisor / Engineer 	10 days
Wellbore stability and Common Drilling Problems (Stuck Pipe)		A		<ul style="list-style-type: none"> Driller/Toolpusher Trainee Drilling Supervisor / Engineer 	3 days

DRILLING COURSES					
Course Title	Level			Who Should Attend	Duration
	Basic (B)	Advanced (A)	Specialization (S)		
Fishing (Tools and Operations)		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Trainee Drilling Supervisor / Engineer 	5 days
Directional drilling	B	A		<ul style="list-style-type: none"> • Driller/Toolpusher • Trainee Drilling Supervisor / Engineer 	5 days
Drilling Bit Technologies		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Trainee Drilling Supervisor / Engineer 	5 days
Coring technologies		A		<ul style="list-style-type: none"> • Assistant Driller / Driller/Toolpusher • Drilling Supervisor / Engineer 	2 days
Drilling Fluid Technologies		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Drilling Supervisor / Engineer • Trainee Fluid Supervisor/Engineer 	10 days
Drilling Fluid Technologies and laboratory		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Drilling Supervisor / Engineer • Trainee Fluid Supervisor/Engineer 	15 days
Cementing Technologies		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Drilling Supervisor / Engineer • Trainee Fluid Supervisor/Engineer 	10 days
Cementing Technologies and laboratory		A		<ul style="list-style-type: none"> • Driller/Toolpusher • Drilling Supervisor / Engineer • Trainee Fluid Supervisor/Engineer 	15 days
Drilling Fluid and Cement Technologies and Practices			S	<ul style="list-style-type: none"> • Trainee Fluids & Cement Supervisor/Engineer 	17 weeks

DRILLING COURSES					
Course Title	Level			Who Should Attend	Duration
	Basic (B)	Advanced (A)	Specialization (S)		
Abnormal pressure while drilling		A		<ul style="list-style-type: none"> • Drilling Supervisor / Engineer • Fluids Supervisor 	5 days
Preparation to Well Control (IWCF)		A		<ul style="list-style-type: none"> • Assistant Driller / Driller/Toolpusher • Drilling Supervisor / Engineer 	5 days
IWCF – WELL CAP Certification			S	<ul style="list-style-type: none"> • Driller's level • Drilling Supervisor level 	5 days

COMPLETION COURSES					
Course Title	Level			Who Should Attend	Duration
	Basic (B)	Advanced (A)	Specialization (S)		
Completion	B			<ul style="list-style-type: none"> • Driller/Toolpusher • Trainee Drilling Supervisor / Engineer/Petroleum Engineer/Production Supervisor 	5 days
Well Testing - DST	B			<ul style="list-style-type: none"> • Driller/Toolpusher • Trainee Drilling Supervisor / Engineer/Petroleum Engineer/Production Supervisor 	5 days
Completion Engineering		A		<ul style="list-style-type: none"> • Trainee Drilling Supervisor / Engineer/Petroleum Engineer/Production Supervisor 	10 days
Coil Tubing Technologies	B			<ul style="list-style-type: none"> • Trainee Drilling Supervisor / Engineer/Petroleum Engineer/Production Supervisor 	5 days

RESERVOIR COURSES

Course Title	Level			Who Should Attend	Duration
	Basic (B)	Advanced (A)	Specialization (S)		
Reservoir Characterization from Seismic to Production		A		<ul style="list-style-type: none"> • Drilling Engineer / Petroleum Engineer / Production Supervisor & Engineer 	5 days
Reservoir Characterization from Seismic to Production and Original Hydrocarbons In Place		A		<ul style="list-style-type: none"> • Petroleum Engineer / Production Supervisor & Engineer 	10 days
Reservoir Characterization from Seismic to Production and Logging interpretation		A		<ul style="list-style-type: none"> • Petroleum Engineer / Production Supervisor & Engineer 	10 days
3D geological Model		A		<ul style="list-style-type: none"> • Petroleum Engineer / Production Supervisor & Engineer 	5 days

Safety (Maritime and Industries)

OFFSHORE SAFETY

COURSE TITLE	WHO SHOULD ATTEND	Duration
» BSS: Basic «Sea Survival»	• Offshore and maritime operational staff	5 days
» PTS: Marine Personal Safety Techniques	• Offshore and maritime operational staff	3 days
» BFF: Basic Fire Fighting	• Offshore and maritime operational staff	3 days
» AFF: Advanced Fire Fighting	• Offshore and maritime operational staff	5 days
» FTL: Fire Team Leader Training	• Offshore and maritime operational staff	4 days

MARITIME SECURITY

COURSE TITLE	WHO SHOULD ATTEND	Duration
» Operational Command of Fire on Ship	• Ship Officer	10 days
» BAEERS (Using Survival Craft and Rescue Boat Certificate)	• Offshore and maritime operational staff	4 days
» CGO (General Radio Operator Certificate)	• Offshore and maritime operational staff	15 days
» CRO (Restricted Radio Operator Certificate)	• Offshore and maritime operational staff	4 days
» DPO (Vessel's stability)	• Offshore and maritime operational staff	4 days
» Medical 1	• Offshore and maritime operational staff	2 days
» Medical 2	• Offshore and maritime operational staff	2 days
» Medical 3	• Offshore and maritime operational staff	5 days

MARITIME SECURITY		
COURSE TITLE	WHO SHOULD ATTEND	Duration
» CBS (Safety Basic Certificate)	• Offshore and maritime operational staff	8 days
» Crisis Management	• Offshore and maritime operational staff	3 days
» Boat Bilge Rescue & Evacuation training	• Offshore and maritime operational staff	3 days
» Stretchering	• Offshore and maritime operational staff	3 days
» Helideck Assistance team	• Offshore and maritime operational staff	3 days
» Helideck Rescue	• Offshore and maritime operational staff	3 days
» Helicopter Security Fires	• Offshore and maritime operational staff	1 day

HELICOPTER SAFETY		
COURSE TITLE	WHO SHOULD ATTEND	Duration
» HFF: Helicopter Fire Fighting	• Helicopter Team Member	2 days
» HDA: Helideck Assistant	• Helicopter Team Member	1,5 days
» HLO: Helicopter Landing Officer	• Helicopter Team Member	3 days
» HUET (Helicopter Underwater Escape Training)	• Helicopter Team Member	1 day
» Helicopter Refuelling	• Helicopter Team Member	2 days

MARITIME SECURITY

COURSE TITLE	WHO SHOULD ATTEND	Duration
» SSO (Ship Security Officers)	• Maritime staff	4 days
» CSO (Company Security Officers)	• Maritime staff	5 days
» PFSO (Port Facility Security Officers)	• Maritime staff	5 days

HSE

COURSE TITLE	WHO SHOULD ATTEND	Duration
» Work at Height	• All persons concerned by hazardous working positions	2 days
» Hydrogen Sulfide (H2S training)	• All persons concerned by hazardous working positions	1/2 day
» Slinging / Rigging	• All persons concerned by hazardous working positions	4 days
» Scaffolding Basic	• All persons concerned by hazardous working positions	3 days
» Scaffolding Auditor	• All persons concerned by hazardous working positions	1 day
» Forklift training	• All persons concerned by hazardous working positions	1-3 days

DYNAMIC POSITIONING OPERATOR

COURSE TITLE	WHO SHOULD ATTEND	Duration
» Introduction to Dynamic Positioning (DP)	• Maritime staff	5 days
» Practical Seagoing Dynamic Positioning	• Maritime staff	3 days
» Advanced Dynamic Positioning - Simulator course	• Maritime staff	5 days
» Training on Dynamic Positioning vessels	• Maritime staff	6 months

SAFETY and FIRE FIGHTING COURSES

COURSE TITLE	WHO SHOULD ATTEND	Duration
» SST (First Aid)	• Industry and Oil staff	2 days
» PRAP (Gesture and Posture)	• Industry and Oil staff	1 day
» Basic Training Fire Fighting	• Industry and Oil staff	2 hours
» Team Member First response	• Industry and Oil staff	1 day
» Team Member Second response	• Industry and Oil staff	2 days
» Safety Team Member in Petrochemical Industry	• Industry and Oil staff	3 days
» Fire Team Leader	• Industry and Oil staff	5 days
» ARI: Self-Contained Breathing Apparatus Training	• Industry and Oil staff	2 days
» Industrial Fires	• Industry and Oil staff	1 day
» Urban Fires	• Industry and Oil staff	1 day
» Hazardous Materials Training	• Industry and Oil staff	1 day
» Road & Train Fires	• Industry and Oil staff	1 day
» Water Way Stability	• Industry and Oil staff	2 days

GEOSCIENCES

I) GEOSCIENCES TRAINING COURSES

Geosciences specific programs issued by most upstream petroleum sector training organizations are oriented on reservoirs containing oil. These programs provide access to two large families of professions of reservoir which are the geosciences (geology and geophysics) applied to the reservoirs and reservoir engineering.

Geologists and **reservoir geophysicists** describe geometry and architecture of hydrocarbon reservoirs and characterize them. Then, they calculate the reserves of oil trapped in reservoirs.

Reservoir engineers examine the production potential of the deposits as well as technical means to maximize recovery rates.

II) SOFTWARE RESOURCES FOR TRAINING AND COACHING

The following software resources are available in our offices.

- GEOLOG6
- SURFER
- GEOTOP
- KINGDOM
- GOCAD
- SOFT de VECTORISATION

Geosciences training courses available	Duration
Geology	
• Introduction to Petroleum Geology	5 days
• Basic petroleum geology	5 days
Reservoir geology	
• Reservoir Characterization	5 days
• Reservoir Characterization from Seismic to Production and Original Hydrocarbons In Place	10 days
• Reservoir Characterization from Seismic to Production and Logging interpretation	10 days
• 3D geological Model	10 days
Reservoir Engineering	
• Introduction to reservoir engineering	5 days
• Basic reservoir engineering	5 days

Geosciences training courses able to be done following the client needs	Duration
<p>Geology</p> <ul style="list-style-type: none"> • Carbonate reservoirs • Structural styles in petroleum exploration • Compressional and transpressional structural styles • Deep-Water turbidite depositional system and reservoirs • Development geology • Mapping subsurface structures • Naturally fractured reservoirs: geologic and engineering analysis • Operations geology (Mud logging) • Petroleum geochemistry: tools for effective exploration and development • Production geology for other disciplines • Sandstone reservoirs <p>Geophysics</p> <ul style="list-style-type: none"> • Basic geophysics • Introduction to seismic stratigraphy: a basin scale regional exploration workshop • Seismic acquisition field techniques • Seismic imaging of subsurface geology • Seismic interpretation <p>Petrophysics</p> <ul style="list-style-type: none"> • Applied rock mechanics • Capillarity in rocks • Coring and core analysis • Foundations of petrophysics • Integration of rocks, log and test data • Structural and stratigraphic interpretation of dipmeters and borehole-imaging logs • Well log interpretation • Wireline formation testing and interpretation 	<p>Following company needs</p>

Geosciences training courses able to be done following the client needs	Duration
<p>Reservoir Engineering</p> <ul style="list-style-type: none"> • Basic reservoir simulation • Capillarity in rocks • Gas reservoir management • Horizontal and multilateral wells: analysis and design • Integrated reservoir modeling • Naturally fractured reservoirs: geologic and engineering analysis • New opportunities in old fields • Oil and gas reserves evaluation • Oil recovery enhancement techniques • Reservoir characterization: a multi-disciplinary team approach • Reservoir fluid properties • Reservoir engineering for other disciplines • Reservoir management • Reservoir simulation strategies • Waterflooding A to Z • Well test design and analysis 	<p>Following company needs</p>

III) THE FOLLOWING COURSES COULD BE SET UP

- GEOSCIENCES DATA MANAGEMENT :
 - Overview
 - Wells data management
 - Seismic data management
 - Farm out preparation
 - Farm In Support

- ECONOMICAL AND BUSINESS IMPLICATION OF RESERVOIR ASSESMENT :
 - Overview



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