





Message from the CEO



Nowadays behind any development, there is a competent workforce. We will not thrive, unless by concentration and implementing workforce holistic planning. MAT Group brings together industrydriven and industry required programs that deliver by using international experts who have extensive experience in the oil, gas, and petrochemical Industry.

We are always trying to respect diversity, have pay attention to all details, and continuous monitoring of programs.

MAT Group Ltd. has been providing exceptional training programs for over a decade to assist and enhance technical know-how and expertise in the oil and gas industry. We are ready to help with the new challenges of our business and focus on the training needs with comprehensive developed programs specifically for the oil and gas industry.

From the early pandemic, distance learning and online training have played a major role to address infrastructure and technical problems. We at MAT Group are able to design and develop attractive online and virtual training programs in conjunction with your organization's needs.

I invite you to take advantage of our 2022 Upstream training calendar to improve and continue to build your company's value and expertise. MAT Group looks forward to assist with challenges in the industry as a leader of "Workforce Development" solutions. Our consulting team can help you build and implement effective projects, while our specialized training programs improve your team's knowledge to better gain your goals. Please visit our website www.matgroup.org and contact us at training@matgroup.org for additional information.

Sincerely Yours,

Ali Amidi

CEO at MAT Group Ltd.

COVER IMAGE:

WHY MAT GROUP

MAT Group values its business relationships and constantly strives to improve specialized innovative and essential training and consultations to assist oil and gas experts in these challenging economic times.

Our goal is to constantly offer the highest professional and educational standard of world-class training. MAT Group employees and agents pay attention to every small detail so that our clients training expectations and needs are continually surpassed.

We are able to help companies develop their workforce for future business challenges achieve business goals, enhance effectiveness, achieve compliance, mitigate risk, and improve operations. Since 2007 MAT Group has been focused on consistent, high quality learning and development for the oil and gas industry.

We have grown from a hand full of instructors and workbook developers, to a global company with comprehensive learning solutions and workforce development expertise, able to address all segments of the industry-from exploration and production, to pipelines, refining and production, to processing, processing, pipelines, refining, petrochemicals, water and power industries HSE and shipping and marine Industries.

Consulting Solutions:



Table of Content

GEOLOGY

- 01) Basic Petroleum Geology
- 02) Development Geology
- 03) Carbonate Reservoirs
- 04) Integrated Carbonate Reservoir Characterization
- 05) Mapping Subsurface Structures
- 06) Naturally Fractured Reservoirs: Geologic and Engineering Analysis
- 07) Operations Geology
- 08) Advanced Reservoir Geology
- 09) Applied Subsurface Geological Mapping

PETROPHYSICS

- 10) 3D Seismic Attributes for Reservoir Characterization
- 11) Advanced Seismic Stratigraphy: A Sequence Wavelet Analysis Exploration Exploitation Workshop
- 12) Applied Seismic Anisotropy for Fractured Reservoir Characterization
- 13) Basic Geophysics
- 14) Introduction to Seismic Stratigraphy: A Basin Scale Regional Exploration Workshop
- 15) Seismic Acquisition Technology in a Regulatory Era
- 16) Seismic Imaging of Subsurface Geology
- 17) Seismic Interpretation
- 18) Seismic Velocities and Depth Conversion

GEOPHYSICS

- 19) Applied Rock Mechanics
- 20) Capillarity in Rocks
- 21) Cased Hole Formation Evaluation
- 22) Coring and Core Analysis
- 23) Foundations of Petrophysics
- 24) Integration of Rocks, Log and Test Data
- 25) Petrophysics of Unconventional Reservoirs
- 26) Shaly Sand Petrophysics
- 27) Structural and Stratigraphic Interpretation of Dipmeters and Borehole-Imaging Logs
- 28) Well Log Interpretation
- 29) Wireline Formation Testing and Interpretation

WELL CONSTRUCTION / DRILLING

All classes available at your location. Contact us today.

- 30) Basic Drilling Technology
- 31) Advanced Casing Design
- 32) Casing and Cementing
- 33) Cementing Practices Cementing II
- 34) Deepwater Well Engineering
- 35) Directional, Horizontal, and Multilateral Drilling
- 36) Drill String Design and Optimization
- 37) Drilling Fluids Technology
- 38) Drilling Practices
- 39) Drilling Performance Analysis
- 40) Managing Wellsite Operations
- 41) Practical Drilling Skills
- 42) Primary Cementing Cementing I
- 43) Well Design and Engineering

RESERVOIR ENGINEERING

- 44) Applied Reservoir Engineering
- 45) Basic Reservoir Engineering
- 46) Capillarity in Rocks
- 47) Chemical Enhanced Oil Recovery Fundamentals
- 48) Enhanced Oil Recovery Fundamentals
- 49) Enhanced Oil Recovery with Gas Injection
- 50) Gas Reservoir Management
- 51) History Matching and Reservoir Optimization
- 52) Horizontal and Multilateral Wells: Analysis and Design
- 53) Integrated Reservoir Modeling
- 54) Naturally Fractured Reservoirs: Geologic and Engineering Analysis
- 55) Reserves Evaluation
- 56) Reservoir Fluid Properties: Preparation for Reservoir Engineering and Simulation Studies
- 57) Reservoir Management
- 58) Reservoir Management for Unconventional Reservoirs
- 59) Reservoir Modeling of Heavy Oil Resources
- 60) Reservoir Simulation Strategies
- 61) Water flooding A to Z
- 62) Advanced Well Test Analysis

PRODUCTION & COMPLETION ENG.

- A63) Acidizing Applications in Sandstones and Carbonates
- 64) Advanced Hydraulic Fracturing
- 65) Applied Water Technology in Oil and Gas Production
- 66) Artificial Lift: Design and Selection
- 67) Well Completions and Workovers
- 68) Downhole Remediation Practices for Mature Oil and Gas Wells
- 69) Electrical Submersible Pumps
- 70) Flow Assurance for Offshore Production
- 71) Formation Damage: Causes, Prevention, and Remediation
- 72) Advanced Acid Fracturing Design
- 73) Gas Lift
- 74) Gas Production Engineering
- 75) Gas Well Deliquification
- 76) Horizontal and Multilateral Wells: Completions and Stimulation
- 77) Hydraulic Fracturing Applications
- 78) Multiphase Flow in Production Operations
- 79) Operations and Development of Surface Production Systems
- 80) Performance Analysis, Prediction, and Optimization Using
- 81) Production Chemistry
- 82) Production Logging
- 83) Production Operations
- 84) Sand Control
- 85) Surface Production Operations
- 86) Surface Water Management in Unconventional Resource Plays
- 87) Well Stimulation
- 88) Material Selection and Corrosion Control in Upstream Projects
- 89) Wellbore Treatments

95) HPHT Well Control

www.matgroup.org

- 90) Well Equipment and Operation for Production Engineers
- 91) Flow Measurement and Production Allocation
- 92) Production Assurance-Troubleshooting and Guidelines in Oil & Gas Production Operations
- 93) Rigless Intervention: Slickline, Coiled Tubing, Hydraulic, Workover & New Technologies 94) HPHT Well Completion

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Benefits:

- To allow participants to receive comprehensive training and individualized attention from top international instructors.
- ✓ Excellent solution to training needs with limited budgets.
- Using our resources, we can develop customized training programs in accordance with you needs while incorporating your company's data into the curriculum.
- ✓ These courses are catered to your internal employees and held anywhere you need training.
- ✓ Omitted travel time

Book your training programs through: www.matgroup.org or training@matgroup.org

	GEOLOGY			
CODE	COURSE TOPICS	DURATION	VENUE	DATE
G01	Basic Petroleum Geology	5 DAY	Tehran	T.B.A
G02	Development Geology	5 DAY	Tehran	T.B.A
G03	Carbonate Reservoir	5 DAY	Kish Island	T.B.A
G04	Integrated Carbonate Reservoir Characterization	5 DAY	Dubai	T.B.A
G05	Mapping Subsurface Structure	5 DAY	Kish Island	T.B.A
G06	Naturally Fractured Reservoirs: Geologic and Engineering Analysis	5 DAY	Kish Island	T.B.A
G07	Operation Geology	5 DAY	Kish Island	T.B.A
G08	Advanced Reservoir Geology	5 DAY	Tehran	T.B.A
G09	Applied Subsurface Geological Mapping	5 DAY	Dubai	T.B.A
	GEOPHYSICS			
CODE	COURSE TOPICS	DURATION	VENUE	DATE
CODE GP10	COURSE TOPICS 3D Seismic Attributes for Reservoir Characterization	DURATION 5 DAY	VENUE Dubai	DATE T.B.A
GP10	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration-	5 DAY	Dubai	T.B.A
GP10 GP11	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration- Exploitation Workshop	5 DAY 5 DAY	Dubai KISH ISLAND	T.B.A T.B.A
GP10 GP11 GP12	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration- Exploitation Workshop Applied Seismic Anisotropy for Fractured Reservoir Characterization	5 DAY 5 DAY 5 DAY 5 DAY	Dubai KISH ISLAND KISH ISLAND	T.B.A T.B.A T.B.A
GP10 GP11 GP12 GP13	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration- Exploitation Workshop Applied Seismic Anisotropy for Fractured Reservoir Characterization Basic Geophysics	5 DAY 5 DAY 5 DAY 5 DAY 5 DAY	Dubai KISH ISLAND KISH ISLAND TEHRAN	T.B.A T.B.A T.B.A T.B.A T.B.A
GP10 GP11 GP12 GP13 GP14	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration- Exploitation Workshop Applied Seismic Anisotropy for Fractured Reservoir Characterization Basic Geophysics Introduction to Seismic Stratigraphy: A Basin Scale Regional Exploration Workshop	5 DAY 5 DAY 5 DAY 5 DAY 5 DAY 5 DAY	Dubai KISH ISLAND KISH ISLAND TEHRAN KISH ISLAND	T.B.A T.B.A T.B.A T.B.A T.B.A T.B.A
GP10 GP11 GP12 GP13 GP14 GP15	3D Seismic Attributes for Reservoir Characterization Advanced Seismic Stratigraphy: A Sequence –Wavelet Analysis Exploration- Exploitation Workshop Applied Seismic Anisotropy for Fractured Reservoir Characterization Basic Geophysics Introduction to Seismic Stratigraphy: A Basin Scale Regional Exploration Workshop Seismic Acquisition Technology in a Regulatory Era	5 DAY 5 DAY 5 DAY 5 DAY 5 DAY 5 DAY 5 DAY	Dubai KISH ISLAND KISH ISLAND TEHRAN KISH ISLAND Dubai	T.B.A T.B.A T.B.A T.B.A T.B.A T.B.A T.B.A

PETROPHYSICS

CODE	COURSE TOPICS	DURATION	VENUE	DATE
P19	Applied Rock Mechanics	5 DAY	TEHRAN	T.B.A
P20	Capillarity in Rocks	5 DAY	KISH ISLAND	T.B.A
P21	Cased Hole Formation Evaluation	5 DAY	KISH ISLAND	T.B.A
P22	Coring and Core Analysis	5 DAY	TEHRAN	T.B.A
P23	Foundations of Petrophysics	5 DAY	KISH ISLAND	T.B.A
P24	Integration of Rocks, Log and Test Data	5 DAY	KISH ISLAND	T.B.A
P25	Petrophysics of Unconventional Reservoirs	5 DAY	KISH ISLAND	T.B.A
P26	Shaly Sand Petrophysics	5 DAY	KISH ISLAND	T.B.A
P27	Structural and Stratigraphic Interpretation of Dipmeters and Borehole-Imaging Logs	5 DAY	KISH ISLAND	T.B.A
P28	Well Log Interpretation	5 DAY	Dubai	T.B.A
P29	Wireline Formation Testing and Interpretation	5 DAY	Dubai	T.B.A

WELL CONSTRUCTION/DRILLING				
CODE	COURSE TOPICS	DURATION	VENUE	DATE
W30	Basic Drilling Technology	5 DAY	TEHRAN	T.B.A
W31	Advanced Casing Design	5 DAY	KISH ISLAND	T.B.A
W32	Casing and Cementing	5 DAY	KISH ISLAND	T.B.A
W33	Cementing Practices-Cementing II	5 DAY	TEHRAN	T.B.A
W34	Deepwater Well Engineering	5 DAY	KISH ISLAND	T.B.A
W35	Directional, Horizontal, and Multilateral Drilling	5 DAY	KISH ISLAND	T.B.A
W36	Drill String Design and Optimization	5 DAY	KISH ISLAND	T.B.A
W37	Drilling Fluids Technology	5 DAY	KISH ISLAND	T.B.A
W38	Drilling Practices	5 DAY	KISH ISLAND	T.B.A
W39	Drilling Performance Analysis	5 DAY	TEHRAN	T.B.A
W40	Managing Wellsite Operations	5 DAY	KISH ISLAND	T.B.A
W41	Practical Drilling Skills	5 DAY	KISH ISLAND	T.B.A
W42	Primary Cementing-Cementing I	5 DAY	KISH ISLAND	T.B.A
W43	Well Design and Engineering	5 DAY	TEHRAN	T.B.A

RESERVOIR ENGINEERING				
CODE	COURSE TOPICS	DURATION	VENUE	DATE
RE44	Applied Reservoir Engineering	5 DAY	TEHRAN	T.B.A
RE45	Basic Reservoir Engineering	5 DAY	KISH ISLAND	T.B.A
RE46	Capillarity in Rocks	5 DAY	KISH ISLAND	T.B.A
RE47	Chemical Enhanced Oil Recovery Fundamentals	5 DAY	TEHRAN	T.B.A
RE48	Enhanced Oil Recovery Fundamentals	5 DAY	KISH ISLAND	T.B.A
RE49	Enhanced Oil Recovery with Gas Injection	5 DAY	KISH ISLAND	T.B.A
RE50	Gas Reservoir Management	5 DAY	KISH ISLAND	T.B.A
RE51	History Matching and Reservoir Optimization	5 DAY	KISH ISLAND	T.B.A
RE52	Horizontal and Multilateral Wells: Analysis and Design	5 DAY	Dubai	T.B.A
RE53	Integrated Reservoir Modeling	5 DAY	TEHRAN	T.B.A
RE54	Naturally Fractured Reservoirs: Geologic and Engineering Analysis	5 DAY	KISH ISLAND	T.B.A
RE55	Oil and Gas Reserves Evaluation	5 DAY	KISH ISLAND	T.B.A
RE56	Reservoir Fluid Properties: Preparation for Reservoir Engineering and Simulation Studies	5 DAY	KISH ISLAND	T.B.A
RE57	Reservoir Management	5 DAY	Dubai	T.B.A
RE58	Reservoir Management for Unconventional Reservoirs	5 DAY	TEHRAN	T.B.A
RE59	Reservoir Modeling of Heavy Oil Resources	5 DAY	TEHRAN	T.B.A
RE60	Reservoir Simulation Strategies	5 DAY	Dubai	T.B.A
RE61	Water flooding A to Z	5 DAY	TEHRAN	T.B.A.
RE62	Advanced Well Test Analysis	5 DAY	Dubai	T.B.A

PRODUCTION & COMPLETION ENGINEERING

CODE	COURSE TOPICS	DURATION	VENUE	DATE
PC63	Acidizing Applications in Sandstones and Carbonates	5 DAY	TEHRAN	T.B.A
PC64	Advanced Hydraulic Fracturing	5 DAY	KISH ISLAND	T.B.A
PC65	Applied Water Technology in Oil and Gas Production	5 DAY	Dubai	T.B.A
PC66	Artificial Lift: Design and Selection	5 DAY	Dubai	T.B.A
PC67	Well Completions and Workovers	5 DAY	KISH ISLAND	T.B.A
PC68	Downhole Remediation Practices for Mature Oil and Gas Wells	5 DAY	KISH ISLAND	T.B.A
PC69	Electrical Submersible Pumps	5 DAY	KISH ISLAND	T.B.A
PC70	Flow Assurance for Offshore Production	5 DAY	KISH ISLAND	T.B.A
PC71	Formation Damage: Causes, Prevention, and Remediation	5 DAY	KISH ISLAND	T.B.A
PC72	Advanced Acid Fracturing Design	5 DAY	Dubai	T.B.A
PC73	Gas Lift	5 DAY	KISH ISLAND	T.B.A
PC74	Gas Production Engineering	5 DAY	KISH ISLAND	T.B.A
PC75	Gas Well Deliquification	5 DAY	KISH ISLAND	T.B.A
PC76	Horizontal and Multilateral Wells: Completions and Stimulation	5 DAY	TEHRAN	T.B.A
PC77	Hydraulic Fracturing Applications	5 DAY	TEHRAN	T.B.A
PC78	Multiphase Flow in Production Operations	5 DAY	TEHRAN	T.B.A
PC79	Operations and Development of Surface Production Systems	5 DAY	TEHRAN	T.B.A
PC80	Performance Analysis, Prediction, and Optimization Using	5 DAY	TEHRAN	T.B.A
PC81	Production Chemistry	5 DAY	KISH ISLAND	T.B.A
PC82	Production Logging	5 DAY	TEHRAN	T.B.A
PC83	Production Operations	5 DAY	TEHRAN	T.B.A
PC84	Sand Control	5 DAY	TEHRAN	T.B.A
PC85	Surface Production Operations	5 DAY	KISH ISLAND	T.B.A
PC86	Surface Water Management in Unconventional Resource Plays	5 DAY	KISH ISLAND	T.B.A
PC87	Well Stimulation	5 DAY	TEHRAN	T.B.A
PC88	Material Selection and Corrosion Control in Upstream Projects	5 DAY	TEHRAN	T.B.A
PC89	Wellbore Treatments	5 DAY	KISH ISLAND	T.B.A
PC90	Well Equipment and Operation for Production Engineers	5 DAY	KISH ISLAND	T.B.A
PC91	Flow Measurement and Production Allocation	5 DAY	KISH ISLAND	T.B.A
PC92	Production Assurance- Troubleshooting and Guidelines in Oil & Gas Production Operations	5 DAY	TEHRAN	T.B.A
PC93	Rigless Intervention: Slickline, Coiled Tubing, Hydraulic, Workover & New Technologies	3 DAY	TEHRAN	T.B.A
PC94	HPHT Well Completion	4 DAY	TEHRAN	T.B.A
PC95	HPHT Well Control	4 DAY	TEHRAN	T.B.A

2022 ONLINE UPSTREAM TRAINING PROGRAMS

Basic Reservoir Engineering Duration: 16 Hours

About The Course:

This course is designed to help the participants for better understanding of the characteristics of oil and gas reservoirs, from fluid and rock characteristics through reservoir definition, delineation, classification, development, and production. Data collection, integration, and application directed toward maximizing recovery and Net Present Value are stressed.

Designed For:

This course is designed for all who involved in reservoir engineering including but not limited to Geologists, geophysicists, engineers, technical managers, technical assistants, technicians, chemists, physicists, technical supervisors, and service company personnel.

Tuition US\$280 +9%VAT



Petroleum Geoscience for Non-Specialists

Duration: 8 Hours

About The Course:

To cover the fundamentals of the Earth sciences, examine their role in controlling the occurrence, distribution and quantification of 'conventional' oil and gas reserves; review the 'non-conventional' hydrocarbon resources; provide an introduction to the 'peak oil' debate.

Designed For:

Non-Earth scientists with little or no background in geology, geophysics or the processes that control the formation and distribution of oil and oil and gas resources.

Tuition US\$200 +9%VAT

Fundamental of Enhanced Oil Recovery Duration:16 Hours

About The Course:

This course provides an overview on water flooding and enhanced oil recovery (EOR), illustrating the connection of each process to a few fundamental principles. It reviews the specifics of thermal and solvent EOR by relating basic principles to the results of cases from the field.

Designed For:

This course is designed for all Engineers who are responsible for increasing oil and gas production and enhancing oil recovery from reservoirs under primary depletion, pressure maintenance by water or gas injection, and enhanced oil recovery schemes.

Tuition US\$350+9%VAT



Carbonate Reservoir Engineering

Duration: 16 Hours

About The Course:

This course provides an overview of practical aspects of reservoir characterization for reservoir and production engineers, with a special emphasis on: Reservoir characterization, assessing recovery and reserves, permeability-porosity modeling, petrophysical evaluation of naturally fractured carbonates, rock typing, reservoir zoning and flow units, interpretation of pressure tests of vertical and horizontal wells in carbonates, and reservoir management for optimum performance.

Designed For:

Petroleum engineers, such as production engineers, reservoir engineers, and geological engineers. Geologists and geophysicists with a good mathematical background, and who are involved in the area of formation evaluation and field development.

Tuition US\$450+9%VAT

OUR INTERNATIONAL TRINING NETWORK



MAT Group Strives for Perfection Through Quality, Commitment , Local & International Opportunities

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