



**GLOBAL  
FRANCHISE  
TRAINING GROUP**  
WORLD EXPERTS

هندسة العمليات للنفط والغاز

Oil & Gas Operations  
and Process Engineering



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

عمليات الهيدروكربونية Hydrocarbon Process			
الرقم	اسم البرنامج	تاريخ البداية	تاريخ الانتهاء
1	Hydrocarbon Production Operations	2020/06/07	2020/06/11
2	Hydrocarbon Dewpoint ( HCDP) Control	2020/07/05	2020/07/09
3	Applications of Borehole Imaging to Hydrocarbon Exploration & Production	2020/07/12	2020/07/16
4	Basin Analysis and Hydrocarbon Potrntial	2020/08/09	2020/08/13
5	Hydrocarbon Reservoir Permeability Prediction	2020/09/06	2020/09/10
6	Hydrogen Sulfide Problems In Oil And Gas Industry	2020/09/20	2020/09/24
7	Solid Hydrocarbon Analysis	2020/10/04	2020/10/08
8	Hydrotreating & Hydrocracking Technology, Monitoring & Optimization	2020/10/11	2020/10/15
9	Hydrocarbon Process Design and Modeling	2020/11/01	2020/11/05
10	Hydrogenation Technology	2020/12/06	2020/12/10
11	Level 2 Diploma in Processing Operations : Hydrocarbons ( 23-0640 )	2020/12/13	2020/12/17
12	Process Safety in Hydrocarbon Industry	2021/01/03	2021/01/07
13	Level 3 NVQ Diploma in Processing Operations : Hydrocarbons ( 33-0640)	2021/01/10	2021/01/14
14	Introduction to Hydrocarbon Processing for Non-Chemical Engineers or Chemists	2020/02/09	2020/02/13
15	Geology and Hydrocarbon Potrntial	2021/01/24	2021/01/28
16	Hydrocarbon measurements	2021/02/07	2021/02/11
17	LNG & Liquified Hydrocarbon Fire Protection & Response	2021/03/14	2021/03/18
18	Hydrocracking and Hydrotreating Process Technology	2021/03/14	2021/03/18

النفط والغاز Oil & Gas			
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1	Oil and Gas Marine Terminals: Operations, Management and Safety in Accordance with International Standards	2020/06/07	2020/06/11
2	Tank Farm Operations and Performance	2020/06/07	2020/06/11
3	" Distributed Control System ( DCS ) Applications, Selection & Troubleshooting"	2020/06/07	2020/06/11
4	Cathodic Protection System	2020/06/07	2020/06/11
5	"Operation, Diagnostics and Maintenance of Equipment for Oil & Gas Production"	2020/06/07	2020/06/11
6	Gas Turbine Power and Co-Generation	2020/06/14	2020/06/18
7	Pressure Vessel Design and Analysis	2020/06/14	2020/06/18
8	Gas Reservoir Engineering & Management	2020/06/14	2020/06/18
9	Production Chemistry & Chemical Treatment In The Oil & Gas Fields	2020/06/14	2020/06/18
10	Pinhole Leaks in Copper Pipes in Potable Water Distribution System: Causes & Prevention	2020/06/14	2020/06/18
11	Gas & Liquid Chromatography and Troubleshooting	2020/06/21	2020/06/25
12	Gas Sweetening & Sulphur Recovery	2020/06/21	2020/06/25
13	Testing Design Analysis & Interpretation	2020/06/21	2020/06/25
14	Oil and Gas Field Operations and Commingled Productions Allocations	2020/06/21	2020/06/25
15	Gas Pipeline Design & Operating Conditions	2020/06/21	2020/06/25
16	Open Hole Mud logging Formation Evaluation	2020/06/28	2020/07/02

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<b>التشغيل Operation</b>			
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1	Compressor operation, Maintenance & troubleshooting	2020/08/23	2020/08/27
2	Boiler Operations Maintenance & Steam Management	2020/08/23	2020/08/27
3	Pump Selection, Installation, Performance & Control	2020/08/30	2020/09/03
4	Emergency Response Management & Risk Assessment	2020/08/30	2020/09/03
5	Next Generation Training for Subsea & Marine Operations Engineers and Asset Managers	2020/09/06	2020/09/10
6	Electrical Distribution Equipment Operation	2020/09/06	2020/09/10
7	Process Plant and Refinery Operational Economics, Planning and Profitability	2020/09/13	2020/09/17
8	Control Valves & Actuators	2020/09/20	2020/09/24
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2021/03/18	2021/03/14	Process Control, Instrumentation & Safeguarding	60
2021/03/18	2021/03/14	Tank & Tank Farms: Design, Operation, Instrumentation, Inspection, Maintenance, Performance & Efficiency	61

2021/03/18	2021/03/14	Gas Production / Processing for Operations & Maintenance	62
2021/03/25	2021/03/21	Ultra Low Sulfur Diesel Production, & VGO Deep Hydrotreatment	63
2021/03/25	2021/03/21	Pump and Valve Operation, Control, Maintenance & Troubleshooting	64
2021/03/25	2021/03/21	Control Valves & Actuators	65
2021/03/25	2021/03/21	Distillation Colum Operations Control & Troubleshooting	66
2021/04/01	2021/03/28	Process Control, Instrumentation & Safeguarding	67
2021/04/01	2021/03/28	Process Plant Troubleshooting & Engineering Problem Solving	68
<b>مرحلة الإنتاج Upper Stream</b>			
الرقم	اسم البرنامج	تاريخ البداية	تاريخ الانتهاء
1	Methods and Techniques for Crude Oil Evaluation	2020/08/30	2020/09/03
2	Fundamental Of production Technology	2020/08/30	2020/09/03
3	Optimization & Enhancement Of Production & Injection	2020/09/06	2020/09/10
4	Downhole Remediation Practices for Mature Oil And Gas Wells - DRP	2020/09/06	2020/09/10
5	Advanced reservoir simulation	2020/09/13	2020/09/17
6	Coring and coring analysis	2020/09/13	2020/09/17
7	Advance For Production Logging Interpretations	2020/09/20	2020/09/24
8	Production Optimization Using System Analysis	2020/09/27	2020/10/01

2020/10/08	2020/10/04	Field Production Optimization Using Agent Based Simulation	9
2020/10/15	2020/10/11	Production Optimization Using System Analysis	10
2020/10/22	2020/10/18	Petroleum Risks and Decision Analysis	11
2020/11/05	2020/11/01	Crude Oil emulsion: Problems and Solutions	12
2020/11/12	2020/11/08	Oil and Gas Field Operations and Commingled Productions Allocations	13
2020/11/12	2020/11/08	Wax And Asphaltene Deposition Control	14
2020/11/19	2020/11/15	Surface Treatment For Crude Oil and Water	15
2020/11/26	2020/11/22	Steel Structure Welding Procedure and Corrosion Control in the refinery	16
2020/12/03	2020/11/29	Modern Surface Production Operations & Facilities In The Oil & Gas Industry: Operation Of Process Eq	17
2020/12/10	2020/12/06	Production Chemistry In Oil And Gas Production	18
2020/12/10	2020/12/06	Well Equipment & Operation for Production Engineer	19
2020/12/17	2020/12/13	Auditing in the Oil & Gas Industry	20
2020/12/17	2020/12/13	Downhole Remediation Practices for Mature Oil And Gas Wells - DRP	21
2020/12/24	2020/12/20	Downhole Remediation Practices for Mature Oil And Gas Wells - DRP	22
2020/12/24	2020/12/20	Fluvial Sedimentation: Principles and Application	23
2020/12/31	2020/12/27	Fundamentals Of Petrophysics	24
2021/01/07	2021/01/03	Tight Gas Petrophysics	25

2021/01/14	2021/01/10	Completion & Production Engineering	26
2021/01/21	2021/01/17	Fundamentals Of Oil & Gas Exploration And Drilling	27
2021/01/28	2021/01/24	low Assurance - Managing Flow Dynamics and Production Chemistry	28
2021/01/28	2021/01/24	Mapping Subsurface Structures	29
2021/02/04	2021/01/31	Subsurface Production Operations	30
2021/02/04	2021/01/31	Steel Structure Welding Procedure and Corrosion Control in the refinery	31
2021/02/11	2021/02/07	Surface Geochemical Exploration For Oil And Gas	32
2021/02/11	2021/02/07	Upstream Exploration for Oil and Gas	33
2021/02/11	2021/02/07	Hydrocarbon Reservoir Assessment And Resources Calculation	34
2021/02/18	2021/02/14	Subsurface Production Operations & Artificial Lift Technologies	35
2021/02/18	2021/02/14	Production Optimization And Artificial Lift System	36
2021/02/18	2021/02/14	Production Chemistry & Chemical Treatment In The Oil & Gas Fields	37
2021/03/04	2021/02/28	Total Well Production Optimization for Oil and Gas Fields: Well Completion and Performance for Heavy Oil	38
2021/03/04	2021/02/28	Sesimic Emerging Of Subsurface Geology	39
2021/03/04	2021/02/28	Petrophysics in Unconventional Reservoir	40

2021/03/18	2021/03/14	Advanced Nodal Analysis For Production Engineers	41
2021/03/18	2021/03/14	HEAVY OIL PRODUCTION & PROCESSING	42
2021/03/18	2021/03/14	Fundamentals Of The Drilling Fluids Rheology	43
2021/03/25	2021/03/21	Well Site Geological Activity in Hydrocarbon Exploration	44
2021/03/25	2021/03/21	Operation Of Process Equipment: Crude Desalter, Fired Heaters, Air Coolers, Heat Exchangers, Pumps, Compressors, Process Vessels & Valves	45
2021/03/25	2021/03/21	Oil & Gas Exploration and Production	46
<b>برامج الغاز والبتروكيماويات Petrochemical &amp; Gas</b>			
تاريخ الانتهاء	تاريخ البداية	اسم البرنامج	الرقم
2020/09/24	2020/09/20	Gas Processing Design and Operation	1
2020/10/08	2020/10/04	Competency Development for Supervisory Excellence in the Oil, Gas & Petrochemicals Industry	2
2020/10/15	2020/10/11	Production Chemistry & Chemical Treatment In The Oil & Gas Fields	3
2020/11/05	2020/11/01	Petroleum Exploration and Production	4
2020/12/10	2020/12/06	Natural Gas Dehydration And Sweetening	5
2020/12/17	2020/12/13	Petroleum Refining & Petrochemicals For Non-Technical Personnel	6
2021/01/07	2021/01/03	Exploration Petroleum Data Management Systems	7

2021/01/14	2021/01/10	الغازات الطبيعية وطرق استخدامها	8
2021/01/28	2021/01/24	Integrated Petroleum Geoscience Masterclass	9
2021/02/04	2021/01/31	Gas Lift Design,Operation & Troubleshooting	10
2021/02/04	2021/01/31	Advanced Petroleum Risk Analysis	11
2021/02/11	2021/02/07	Structural Geology & Depositional Environments in Petroleum Exploration and Production	12
2021/02/11	2021/02/07	Managing Risks and Strategic Decisions In Petroleum Exploration & Production	13
2021/02/18	2021/02/14	Basic Petroleum Technology	14
2021/02/18	2021/02/14	Introduction To Deep water Petroleum Systems	15
2021/03/04	2021/02/28	natural Gas Dehydration And Sweetening	16
2021/03/04	2021/02/28	Petroleum Exploration and Production	17
2021/03/18	2021/03/14	Natural Gas Transport by Pipeline	18
2021/03/18	2021/03/14	Catalysts in the Refining and Petrochemical industries	19
2021/03/25	2021/03/21	Hydrocarbon Production Operations	20
2021/03/25	2021/03/21	Petroleum Economics Analysis/Modeling	21

برامج الأمن والسلامة والصحة المهنية Security Occupational Health, Safety			
الرقم	اسم البرنامج	تاريخ البداية	تاريخ الانتهاء
1	Task Risk Assessment: Modern Proactive Approach to Incident Prevention	2020/09/06	2020/09/10
2	SIMOPS Simultaneous Operations System for the Oil & Gas Industry	2020/09/13	2020/09/17
3	HSE IN SURFACE PRODUCTION OPERATIONS	2020/09/20	2020/09/24
4	CCPS Risk-Based Process Safety (RBPS) The Next Generation PSM Framework	2020/09/27	2020/10/01
5	Oil & Gas Operational Safety	2020/10/04	2020/10/08
6	( سلامة العمال في المواقع الصناعية ( الإنشائية – النفطية	2020/10/11	2020/10/15
7	Control And Safety In Gas And Oil Complex Industries الصناعية في صناعات الغاز والبتروك	2020/10/18	2020/10/22
8	Safety in Process Equipment Design & Operation	2020/11/01	2020/11/05
9	Offshore Safety & Risk Management Systems	2020/11/08	2020/11/12
10	Drilling And Work-Over Safety	2020/11/15	2020/11/19
11	Gas Explosion and Other Hazards of LNG Facilities	2020/11/22	2020/11/26
12	Layers of Protection Analysis (LOPA)	2020/12/06	2020/12/10
13	إدارة السلامة في مصافي النفط	2020/12/13	2020/12/17
14	Safety Compliance and Site Inspection	2020/12/13	2020/12/17

2020/12/24	2020/12/20	Safety in Process Equipment Design & Operation	15
2021/01/07	2021/01/03	Applications Of Risk And Simulation Modelling For Oil & Gas Industry	16
2021/01/07	2021/01/03	HSE IN DRILLING OPERATIONS	17
2021/01/14	2021/01/10	Safety And Environmental Management Programs (SEMP) For Offshore Oil And Gas Operations And Facilities	18
2021/01/28	2021/01/24	برنامج صيانة وترميم المنشآت الأمنية	19
2021/01/28	2021/01/24	Task Risk Assessment: Modern Proactive Approach to Incident Prevention	20
2021/02/04	2021/01/31	إدارة السلامة في صناعات الغاز	21
2021/02/04	2021/01/31	OSHA – Occupational Safety and Health Administration Standards	22
2021/02/11	2021/02/07	Process Safety and Risk Management of Highly Hazardous and Explosive Chemicals	23
2021/02/11	2021/02/07	SIMOPS Simultaneous Operations System for the Oil & Gas Industry	24
2021/02/18	2021/02/14	Managing Project Risks in the Oil and Gas Industry	25
2021/02/18	2021/02/14	إدارة السلامة في عمليات الحفر والإنتاج بحقول النفط	26
2021/03/04	2021/02/28	Drilling And Work-Over Safety	27
2021/03/18	2021/03/14	SAFETY HAZARDS ASSOCIATED WITH OIL AND GAS	28
2021/03/18	2021/03/14	Oil & Gas Operational Safety	29
2021/03/18	2021/03/14	طرق التحكم في التلوث البترولي	30



2021/03/25	2021/03/21	Flares and Relief Systems: Efficient Design, Safe Operation & Maintenance	31
2021/03/25	2021/03/21	SIMOPS Simultaneous Operations System for the Oil & Gas Industry	32
2021/03/25	2021/03/21	( سلامة العمال في المواقع الصناعية ( الإنشائية – النفطية )	33
<b>البرامج البترولية لمرحلة التكرير والمنتجات Down Stream</b>			
تاريخ الانتهاء	تاريخ البداية	اسم البرنامج	الرقم
2020/09/10	2020/09/06	Heavy Oil Production & Processing	1
2020/09/17	2020/09/13	Refinery Process Simulation Using HYSIS	2
2020/09/24	2020/09/20	Coiled Tubing & Nitrogen Operations In Completion & Workover	3
2020/10/08	2020/10/04	Petroleum Refining & Petrochemicals For Non-Technical Personnel	4
2020/10/15	2020/10/11	Analysis of Lube Oils By Standard Tests	5
2020/11/05	2020/11/01	Process Chemistry And Refinery Technology	6
2020/12/10	2020/12/06	Integrated Production Modeling - Module 1	7
2020/12/17	2020/12/13	Integrated Production Modeling - Module 2 (Project)	8
2021/01/07	2021/01/03	Well Log Interpretation	9
2021/01/07	2021/01/03	Refinery Production Operations & Petroleum Produc	10
2021/01/14	2021/01/10	Petroleum Refining & Economics For Traders: Operation Of Steam Crackers	11
2021/01/28	2021/01/24	Petroleum Refining Processes And Economics For Technical Professionals	12

## هندسة العمليات للنفط والغاز

2021/02/11	2021/02/07	طرق تصنيع الزيوت النهائية المعدنية ومستويات أدائها	13
2021/02/11	2021/02/07	Heavy Oil Production & Processing	14
2021/02/18	2021/02/14	Well Test Design & Analysis	15
2021/02/18	2021/02/14	الاتجاهات الحديثه فى صناعات تكرير البترول باستخدام احدث التقنيات والأجهزة	16
2021/03/18	2021/03/14	Refinery Production Operations & Petroleum Produc	17
2021/03/18	2021/03/14	تكنولوجيا تشغيل وحدات إنتاج وتصنيع النفط	18
<b>الصيانة في قطاع البترول</b> Maintenance in Petroleum Field			
الرقم	اسم البرنامج	تاريخ البداية	تاريخ الانتهاء
1	Operation, Diagnostics and Maintenance of Equipment for Oil & Gas Production	2020/08/09	2020/08/13
2	Maintenance of pipelines and storage tanks	2020/09/06	2020/09/10
3	Cooling Towers selection, Operation & Maintenance	2020/09/13	2020/09/17
4	PLC Application in Oils Blending	2020/09/20	2020/09/24
5	Fluid Flow in Pipeline System	2020/10/04	2020/10/08
5	Wireline Formation Testing and Interpretation - WFT	2020/10/11	2020/10/15
6	Operation, Protection and Maintenance+B415:B427BB415:B427	2020/11/01	2020/11/05

2020/12/10	2020/12/06	تكنولوجيا الصيانة وتحليل الأعطال للمشغلين في القطاع النفطي	7
2020/12/17	2020/12/13	Petroleum Measurement & Storage Tanks	8
2021/01/07	2021/01/03	Filtration units, pipelines and tanks	9
2021/01/07	2021/01/03	خزانات النفط الحديثة صيانتها وتنظيفها والاستفادة من الرواسب	10
2021/01/14	2021/01/10	Operation, Diagnostics and Maintenance of Equipment for Oil & Gas Production	11
2021/01/28	2021/01/24	Heavy Hydrocarbon Deposits In Surface and Subsurface Facilities: Problems and Solutions	12
2021/02/04	2021/01/31	Advanced Pipeline Operation and Maintenance	13
2021/02/11	2021/02/07	Oil and Gas Marine Terminals: Operations, Management and Safety in Accordance with International Standards	14
2021/02/11	2021/02/07	Petroleum Project Management: Principles and Practices	15
2021/03/04	2021/02/28	الكشف الهندسي عند تنظيف وصيانة الخزانات والصهاريج والمواسير النفطية	16
2021/03/18	2021/03/14	Oil & Gas Accounting & Performance Measurement	17
2021/03/18	2021/03/14	إدارة غرف التحكم وخطوط الأنابيب	18
2021/03/25	2021/03/21	"Oil and Gas Marine Terminals: Operations, Management and Safety in Accordance with International Standards"	19
2021/03/25	2021/03/21	تصميم، صيانة وإصلاح أنابيب النفط باستخدام أحدث التقنيات	20