

Institut Teknologi Petroleum PETRONAS (INSTEP)

Learning Calendar 2023



Your Journey Starts Here





Your Preferred Technical Learning Solutions Partner

We **accelerate** your competency development through **experiential learning**

We further support your **exceptional growth** because we care about your **technical competencies**

We **deliver** customised niche learning solutions anchored on **world-class facilities** and industry-experienced

Empowered by Innovation

Hands-on experiences and reflection

Interactive theoretical learning in classroom, hands-on-training at practical workshop and **experiential learning** at INSTEP's first-of-its-kind, **Upstream Downstream Training Plant (UDTP)** will complement your digital learning experience

UDTP is the first-of-its-kind in the world

Upstream Downstream Training Plant (UDTP) simulates real Upstream and Downstream plant scenarios in safe environment and creates a **perfect ecosystem as testbed** to test and pilot new and **innovative technology development**





Selected INSTEP programmes are now **HRD Corp Claimable** and **more** will be registered and updated from time to time

HRD Corp Claimable

Please **notify your respective HR focal** to apply for the grant before joining the training programme

Employers are advised to apply for the grant **at least five (5) working days before** participant(s) attend the training programme. Failure to do so may result in invalid claims to HRD Corp

Claim amounts may vary and is subjected to **HRD Corp Allowable Cost Matrix** calculations

INSTEP is MBOT and EiMAS approved training provider

Earn Your CPD Hours Today

INSTEP has been approved by Malaysian Board of Technologist (MBOT) as an **Approved Training Provider (ATP)** to deliver MBOT - certified training programmes for **Continuing Professional Development (CPD) hours** collection system. In MBOT, CPD is essential to renew the certificate of registration for Professional technologists and Certified Trainers only.

INSTEP has been conferred by Environment Institute of Malaysia (EiMAS) as an Approved Training Provider (ATP) to deliver CePIETSO-BP and CePSWaM programmes. We provide safety and environment certifications to support the business sustainability and operations.





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
**LEARNING
CALENDAR**
2023

PETRONAS Learning Calendar

Click on the tab at the top
to view our learning solutions

Easy registration via
mylearningX to unleash
your full potential



*You can use search button in PDF
to search for our programmes*



Glossary of Terms

A&C : Assessment & Certification

F2F : Face-to-Face Experiential Learning

HRD Corp : Human Resource Development Corporation

NET UPG : NET Upgrading

NR : Non-Residential

R : Residential

SKG : Skill Group



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*Clickable content for
quick access to programme*





Executive Technical Solutions (ETS)



SKG09: Geoscience

Programme Leader: Intan Shafika Muhamad Zulkefli +09 668 6027 +6011 6301 0246 intanshafika.muhamam@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1	SKG09 : Integrated Module, L1	1	F2F (NR/R)	KL	Yes	8,300	7	15	12	Coming Soon			6-17										
2	SKG09 : Basic Quantitative Interpretation, L2	2	F2F (NR)	KL	Yes	1,700	7	15	3	Coming Soon												4-6	
3	SKG09 : Principle of Seismology, L2	2	F2F (NR)	KL	Yes	2,700	5	15	5	Coming Soon							7-11						
4	SKG09 : Prospect Maturation, L2	2	F2F (NR)	KL	Coming Soon	25,900	10	15	5	Coming Soon	Upon Request (Click to Enquire)												
5	SKG09 : Structural Geology, L3	3	F2F (NR)	KL	Coming Soon	19,600	7	15	5	Coming Soon													
Exploration Geoscience																							
6	SKG09 : Petroleum Economic for Exploration, L2	2	F2F (NR)	Putrajaya	Yes	5,300	8	15	5	Coming Soon					8-12								
7	SKG09 : Seismic Interpretation and Mapping, L2	2	F2F (NR)	KL	Yes	2,200	6	15	5	Coming Soon					15-19								
8	SKG09 : Sequence Stratigraphy, L2	2	F2F (NR)	KL	Yes	2,600	6	15	5	Coming Soon					12-16								
9	SKG09 : Integrated Seismic Interpretation and Mapping, L3	3	F2F (NR)	KL	Coming Soon	34,000	15	15	6	Coming Soon	Upon Request (Click to Enquire)												
10	SKG09 : Seismic and Sequence Stratigraphy, L3	3	F2F (R)	Labuan & Kota Kinabalu	Yes	12,200	12	15	12	Coming Soon											16-27		



SKG09: Geoscience

Programme Leader: Intan Shafika Muhamad Zulkefli +09 668 6027 +6011 6301 0246 intanshafika.muhamad@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac
Reservoir Geoscience																						
11	SKG09 : Integrated Reservoir Modeling School (IRMS), L2	2	F2F (NR)	KL	Yes	2,900	8	15	6	Coming Soon		20-25										
12	SKG09 : Reservoir Mapping and Hydrocarbon Resource Assessment, L2	2	F2F (NR)	KL	Yes	4,800	6	15	8	Coming Soon					19-26							
13	SKG09 : Sedimentology, L2	2	F2F (NR/R)	KL, Pekan & PGSC	Coming Soon	6,900	10	15	11	Coming Soon									2-12			
14	SKG09 : Structural Geology, L2	2	F2F (NR/R)	KL & Tanjung Balau	Coming Soon	5,900	7	15	8	Coming Soon						14-21						
15	SKG09 : Advanced Reservoir Geophysics Characterisation, L3	3	F2F (NR)	KL	Coming Soon	2,500	7	15	5	Coming Soon										6-10		
16	SKG09 : Advanced Time Depth Conversion and Velocities Analysis, L3	3	F2F (NR)	KL	Yes	2,500	5	15	5	Coming Soon								4-8				
17	SKG09 : Reservoir Mapping and Hydrocarbon Resource Assessment & Risk Analysis, L3	3	F2F (NR)	KL	Yes	5,600	8	15	10	Coming Soon						3-12						
18	SKG09 : Sedimentology, L3	3	F2F (R)	Miri, Bintulu & Kota Kinabalu	Coming Soon	13,200	14	15	11	Coming Soon						24/7-3/8						
19	SKG09 : Integrated Reservoir Modeling School (IRMS), L3	3	F2F (NR)	KL	Yes	3,000	8	15	6	Coming Soon										30/10-4/11		
Geophysics																						
20	SKG09 : Basic Seismic Data Acquisition & Processing, L2	2	F2F (NR)	KL	Yes	2,700	6	15	5	Coming Soon									11-15			





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar
Common																						
1	SKG10 : E&P Core Programme, L1	1	F2F (Half R)	KL	Yes	15,700	10	20	12	Coming Soon							16-27					
Petrophysics																						
2	SKG10 : Cased Hole Log Interpretation, L2	2	F2F (NR)	Labuan	Yes	6,100	10	20	5	Coming Soon										20-24		
3	SKG10 : Fundamental of Petrophysics, L2	2	F2F (NR)	KL	Yes	3,100	8	20	5	Coming Soon		20-24										
4	SKG10 : LWD Principles & Application, L2	2	F2F (NR)	KL	Yes	3,500	8	20	4	Coming Soon					12-15							
5	SKG10 : Basic Rock Physics, L2	2	F2F (NR)	KL	Yes	4,200	8	20	5	Coming Soon								18-22				
6	SKG10 : Basic Clastic Petrophysical Analysis, L2	2	F2F (NR)	KL	Coming Soon	1,800	8	20	3	Coming Soon	Upon Request (Click to Enquire)											
7	SKG10 : Complex Lithology Interpretation, L2	2	F2F (NR)	KL	Yes	2,200	8	20	4	Coming Soon												
8	SKG10 : Geology For Non-Geologist, L2	2	F2F (NR)	KL	Yes	2,700	8	20	4	Coming Soon												
9	SKG10 : Image Log Analysis and Fractured Reservoir Evaluation, L2	2	F2F (NR)	KL	Coming Soon	3,200	8	20	5	Coming Soon												
10	SKG10 : Integrated Reservoir Petrophysics, L3	3	F2F (NR)	KL	Coming Soon	5,300	8	20	8	Coming Soon												

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Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											2023												
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac	Apr
Petroleum Economics																							
11	SKG10 : Advanced Application of Economic Modeling, L2	2	F2F (NR)	KL	Coming Soon	2,700	8	20	5	Coming Soon	Upon Request (Click to Enquire)												
12	SKG10 : Petroleum Contract, L2	2	F2F (NR)	KL	Yes	2,200	8	20	3	Coming Soon			14-16										
13	SKG10 : Petroleum Economics System Appreciation, L2	2	F2F (NR)	KL	Coming Soon	2,700	8	20	3	Coming Soon						11-13							
14	SKG10 : Practices of Petroleum Economics I, L2	2	F2F (NR)	KL	Yes	2,200	10	20	3	Coming Soon		7-9					15-17						
15	SKG10 : Petroleum Economic System : Advanced Modelling, L3	3	F2F (NR)	KL	Coming Soon	3,900	8	20	5	Coming Soon									16-20				
16	SKG10 : Risk and Uncertainty in Petroleum Valuation, L3	3	F2F (NR)	KL	Yes	3,100	8	20	6	Coming Soon	Upon Request (Click to Enquire)												
Production Technology																							
17	SKG10: Contaminants Identification & Treatment,L2	2	F2F (NR)	KL	Coming Soon	2,300	8	20	3	Coming Soon							28-30						
18	SKG10: Fluid Sampling,L2	2	F2F (NR)	KL	Coming Soon	2,200	8	20	3	Coming Soon						4-6							
19	SKG10 : Production Chemistry,L2	2	F2F (NR)	KL	Coming Soon	3,900	8	20	5	Coming Soon									23-27				
20	SKG10 : Sand Management & Control,L2	2	F2F (NR)	Labuan	Yes	6,700	10	20	5	Coming Soon					19-23								
21	SKG10 : Well Completion Design I,L2	2	F2F (NR)	Kemaman	Yes	7,900	8	20	5	Coming Soon							4-8						





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											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac
22	SKG10 : Production Enhancement I, L2	2	F2F (NR)	KL	Coming Soon	3,000	8	20	5	Coming Soon	Upon Request (Click to Enquire)											
23	SKG10 : Production Geochemistry, L2	2	F2F (NR)	KL	Coming Soon	1,400	8	20	2	Coming Soon												
24	SKG10 : Formation Damage & Matrix Treatment Technology, L2	2	F2F (NR)	KL	Coming Soon	2,900	10	20	5	Coming Soon												
25	SKG10 : Production Analysis in Flow System, L2	2	F2F (NR)	KL	Coming Soon	2,700	8	20	5	Coming Soon												
26	SKG10 : Water Injection Management, L2	2	F2F (NR)	KL	Coming Soon	3,300	8	20	5	Coming Soon												
27	SKG10 : Advanced ESP and PCP Design & Operations, L3	3	F2F (NR)	KL	Yes	4,100	8	20	5	Coming Soon												
28	SKG10 : Advanced Gas Lift & Field Modelling, L3	3	F2F (NR)	KL	Coming Soon	2,900	8	20	5	Coming Soon												
29	SKG10 : Advanced Hydraulic Fracturing, L3	3	F2F (NR)	KL	Coming Soon	3,300	8	20	5	Coming Soon												
30	SKG10 : Advanced Scale & Corrosion Management, L3	3	F2F (NR)	KL	Yes	3,400	8	20	5	Coming Soon												
31	SKG10 : Production Enhancement II, L3	3	F2F (NR)	KL	Coming Soon	2,700	8	20	5	Coming Soon												
32	SKG10 : Well Completion Design II, L3	3	F2F (NR)	KL	Coming Soon	2,700	8	20	5	Coming Soon												



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											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr
Reservoir Engineering																							
33	SKG10 : EOR, L2	2	F2F (NR)	KL	Coming Soon	3,000	8	20	3	Coming Soon	Upon Request (Click to Enquire)												
34	SKG10 : Petroleum Fluid Analysis, L2	2	F2F (NR)	KL	Coming Soon	3,200	8	20	4	Coming Soon						24-27							
35	SKG10 : Practical of Well Testing, L2	2	F2F (NR)	KL	Coming Soon	2,900	8	20	5	Coming Soon			27/3-3/3										
36	SKG10 : Practices of Reservoir Engineering, L2	2	F2F (NR)	KL	Coming Soon	7,500	8	20	9	Coming Soon					12-22								
37	SKG10 : Reservoir Management & Surveillance, L2	2	F2F (NR)	KL	Yes	3,900	10	20	5	Coming Soon								18-22					
38	SKG10 : Rock Properties, L2	2	F2F (NR)	KL	Yes	3,700	8	20	5	Coming Soon				22-26									
39	SKG10 : RE for Non-RE, L2	2	F2F (NR)	KL	Coming Soon	1,800	8	20	3	Coming Soon	Upon Request (Click to Enquire)												
40	SKG10 : Reservoir Characterisation & Simulation, L3	3	F2F (NR)	KL	Yes	4,300	8	20	5	Coming Soon										9-13			
41	SKG10 : Integrated Field Development Planning, L3	3	F2F (NR)	KL	Coming Soon	41,00	8	20	5	Coming Soon											27/11-1/12		



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											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar
42	SKG10 : Complex Fluid, L3	3	F2F (NR)	KL	Coming Soon	2,100	8	20	3	Coming Soon	Upon Request (Click to Enquire)											
43	SKG10 : Gas Reservoir Engineering, L3	3	F2F (NR)	KL	Coming Soon	3,500	8	20	5	Coming Soon												
44	SKG10 : Secondary Recovery Process, L3	3	F2F (NR)	KL	Coming Soon	3,000	8	20	5	Coming Soon												





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG11: Civil & Pipeline Engineering

Programme Leader: Muhammad Badliuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											1	SKG11 : CS1-2 Project Feasibility Study, L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon	
2	SKG11 : CS1-3 Foundation Design, L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon											6	
3	SKG11 : CS1-7 Construction Technology, L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon							17					
4	SKG11 : CS1-8 Inspection & Maintenance, L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon						7						
5	SKG11 : CS1-10 Basic Training for Excavation Works Supervision	1	F2F (NR)	KL	Yes	2,000	5	10	2	Coming Soon		20-21	13-14		2-3	19-20	12-13	15-16		9-10	14-15	
6	SKG11 : CS2-1 Soil Investigation, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon										18-19		
7	SKG11 : CS2-2 Project Feasibility Study, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon											20-21	
8	SKG11 : CS2-8 Construction Technology, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon												22-23
9	SKG11 : CS2-9 Foundation Design, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon											23-24	
10	SKG11 : CS2-10 Inspection & Maintenance - Offshore, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon									20-21			
11	SKG11 : CS2-12 Mooring Design & Analysis L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon			15-16									
12	SKG11 : CS3-3 Foundation Design Onshore, L3	3	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon						21-22						



SKG11: Civil & Pipeline Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											13	SKG11 : PL1-1 Theory of Pipeline and Codes & Standards L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon	
14	SKG11 : PL1-2 Pipeline & Riser Design, L1	1	F2F (NR)	KL	Coming Soon	1,500	5	10	1	Coming Soon				11								
15	SKG11 : PL1-3 Pipeline Integrity Core Technology, L1	1	F2F (NR)	KL	Coming Soon	2,400	5	10	3	Coming Soon		22-24										
16	SKG11 : PL2-1 Mechanical Design, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon			1-2									
17	SKG11 : PL2-3 Line Pipe, Flexible and Corrosion Resistance Materials, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon				9-10								
18	SKG11 : PL2-4 Pipeline Construction & Pre-commissioning, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon					12-13							
19	SKG11 : PL2-5 Flow Assurance, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon					14-15							
20	SKG11 : PL2-7 Onshore Pipeline Design, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon						3-4						
21	SKG11 : PL2-8 Pipeline Integrity Core Technology, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon				15-16								
22	SKG11 : PL2-10 Pipeline Coating & Lining, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon			6-7									
23	SKG11 : PL2-11 Cathodic Protection Design, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon							9-10					
24	SKG11 : PL2-12 Pipeline Life Extension, L2	2	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon								6-7				





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PETRONAS Group

SKG11: Civil & Pipeline Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											25	SKG11 : PL3-3 Advanced Engineering Analysis, L3	3	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon	
26	SKG11 : PL3-7 Arctic Pipelines, L3	3	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon					17-18							
27	SKG11 : PL3-8 Advanced Risk Based Inspection, L3	3	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon												
28	SKG11 : PL3-9 Advanced Fitness for Service Assessments, L3	3	F2F (NR)	KL	Coming Soon	2,000	5	10	2	Coming Soon		14-15										

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023													
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG12.1 Rotating Equipment																								
1	SKG12.1 : HSEMS & MCF, L1	1	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon						19-20								
2	SKG12.1 : Condition Monitoring of Rotating Equipment, L2*	2	F2F (NR)	KL	Yes	3,070	10	20	3	Coming Soon					9-11									
3	SKG12.1 : DOMI of Pumps, L2*	2	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon					13-15									
4	SKG12.1 : DOMI of Compressors & Blowers, L2*	2	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon			13-15							2-4				
5	SKG12.1 : DOMI of ICE, Steam Turbines and Turbo Expander, L2	2	F2F (NR)	KL	Yes	3,865	10	20	4	Coming Soon						24-27								
6	SKG12.1 : DOMI of Gas Turbines, L2	2	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon							14-16							
7	SKG12.1 : Operational Performance, L2	2	F2F (NR)	KL	Yes	3,865	10	20	4	Coming Soon										4-7				
8	SKG12.1 : Machinery Vibration Analysis, L2	2	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon							21-24							
9	SKG12.1 : Machinery Control, Monitoring & Protection, L2*	2	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon						17-18								
10	SKG12.1 : Driver Equipment Workshop, L3	3	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon										11-14				
11	SKG12.1 : Driven Equipment Workshop, L3	3	F2F (NR)	KL	Yes	3,865	10	20	4	Coming Soon												6-9		
12	SKG12.1 : Intro of New Technology; Subsea & New Equipment Design, L3	3	F2F (NR)	KL	Coming Soon	2,275	10	20	2	Coming Soon					15-16									



SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023													
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG12.2 Static Fired/Unfired/Piping																								
13	SKG12.2 : Introduction to Piping System, L1	1	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon					10-11									
14	SKG12.2 : DOMI of Static Equipment, L1*	1	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon						17-20								
15	SKG12.2 : Mechanical Equipment Maintenance, L2*	2	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon					15-16									
16	SKG12.2 : DOMI of Static (Fired) Equipment, L2	2	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon						3-6								
17	SKG12.2 : Basic Design & Fabrication of Static (Unfired), L2*	2	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon					12-15									
18	SKG12.2 : DOMI of Piping System and Valves, L2*	2	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon						24-27								
19	SKG12.2 : Lifting Equipment, L2*	2	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon							2-3							
20	SKG12.2 : DOMI of Heat Exchanger, L2	2	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon											9-12			
21	SKG12.2 : Boiler and Steam Technology, L3	3	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon										12-14				
22	SKG12.2 : Stress and Thermal Analysis, L3*	3	F2F (NR)	KL	Coming Soon	2,275	10	20	2	Coming Soon										20-21				
23	SKG12.2 : Asset Life Assessment, L3*	3	F2F (NR)	KL	Coming Soon	3,865	10	20	4	Coming Soon							21-24							





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											Coming Soon											
24	SKG12.2 : ASME I Power Boiler, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	6,676	10	20	3	Coming Soon	Coming Soon											
25	SKG12.2 : ASME VIII Div.1 & 2, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	7,936	10	20	5	Coming Soon	Coming Soon											
26	SKG12.2 : API 510 Pressure Vessel Inspection, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	7,936	10	20	5	Coming Soon	Coming Soon											
27	SKG12.2 : API 570 Piping Inspection, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	7,936	10	20	5	Coming Soon	Coming Soon											
28	SKG12.2 : API 653 Tank Inspection, Repair, Alteration & Construction, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	7,936	10	20	5	Coming Soon	Coming Soon											
29	SKG12.2 : B31.3 Process Piping, L3 (VILT)	3	Online	IPVideoTalk	Coming Soon	7,936	10	20	5	Coming Soon	Coming Soon											

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023														
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
SKG12.3 Reliability																									
30	SKG12.3 : Dependability, L2	2	F2F (NR)	KL	Yes	3,865	10	20	4	Coming Soon															
31	SKG12.3 : Data Acquisition, Validation & Decision Analysis, L2*	2	F2F (NR)	KL	Yes	5,571	10	20	4	Coming Soon				22-25							6-9				
32	SKG12.3 : Equipment Reliability Strategy Part 1, L2	2	F2F (NR)	KL	Yes	3,070	10	20	3	Coming Soon						3-5									
33	SKG12.3 : Equipment Reliability Strategy Part 2, L2	2	F2F (NR)	KL	Yes	3,070	10	20	3	Coming Soon									2-4						
34	SKG12.3 : Reliability and Maintainability Engineering Part 1, L2	2	F2F (NR)	KL	Yes	5,571	10	20	4	Coming Soon				19-22											
35	SKG12.3 : Reliability and Maintainability Engineering Part 2, L2	2	F2F (NR)	KL	Yes	5,571	10	20	4	Coming Soon								4-7							
36	SKG12.3 : Root Cause Failure Analysis, L2*	2	F2F (NR)	KL	Yes	3,070	10	20	3	Coming Soon			13-15					19-21							
37	SKG12.3 : Predictive Maintenance Technique Part 1, L2	2	F2F (NR)	KL	Yes	2,275	10	20	2	Coming Soon				22-23											
38	SKG12.3 : Predictive Maintenance Technique Part 2, L2	2	F2F (NR)	KL	Yes	3,070	10	20	3	Coming Soon						7-9									
39	SKG12.3 : Benchmarking, L2	2	F2F (NR)	KL	Yes	3,906	10	20	3	Coming Soon									16-18						
40	SKG12.3 : Asset Life Cycle Cost, L3*	3	F2F (NR)	KL	Yes	5,571	10	20	4	Coming Soon					6-9										
41	SKG12.3 Expert Level Asset Management, L3	3	F2F (NR)	KL	Coming Soon	4,054	10	20	4	Coming Soon			6-9				7-11								
42	SKG12.3 Expert Level Business Warehouse 7, L3	3	F2F (NR)	KL	Coming Soon	3,894	10	20	3	Coming Soon			20-22		19-21				16-18						
43	SKG12.3 Expert Level Work Management, L3	3	F2F (NR)	KL	Coming Soon	4,575	10	20	5	Coming Soon				22-26				18-22		6-10					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.5 Subsea																						
44	SKG12.5 : Introduction to Subsea Engineering, L1	1	F2F (NR)	INSTEP	Yes	2,707	10	20	3	Coming Soon												6-8
45	SKG12.5 : Installation and HUC of Subsea Equipment, L2	2	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon				9-11								
46	SKG12.5 : Subsea Installation Engineering, L3	3	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon						3-5						
47	SKG12.5 : Subsea Operation and IMR Philosophy, L3	3	F2F (NR)	KL	Coming Soon	3,070	10	20	3	Coming Soon								19-21				
SKG12.6 R&D Mechatronics																						
48	SKG12.6 : Remote Pilot Certificate of Competency Basic (RCOC-B)*	3	F2F (NR)	Cyberjaya	Coming Soon	6,017	10	20	5	Coming Soon								7-11			9-13	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG13: Electrical Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											1	SKG 13 : Distribution Equipment, L1	1	F2F (NR)	INSTEP	Yes	1,800	8	20	4	Coming Soon	
2	SKG 13 : Ex Equipment (PEXCom# 01), L1	1	F2F (NR)	KL	Yes	2,000	8	20	2	Coming Soon				24-25								
3	SKG 13 : EMC, LPS and Earthing, L1	1	F2F (NR)	INSTEP	Yes	1,800	8	20	4	Coming Soon										20-23		
4	SKG 13 : Electric Motor and Drive L1	1	F2F (NR)	INSTEP	Coming Soon	1,800	8	20	4	Coming Soon			13-16									
5	SKG 13 : Generating Equipment & System, L1	1	F2F (NR)	INSTEP	Coming Soon	1,600	8	20	3	Coming Soon		22-24										
6	SKG 13 : Protection Device and System, L1	1	F2F (NR)	INSTEP	Coming Soon	1,800	8	20	4	Coming Soon				15-18								
7	SKG 13 : Distribution Equipment, L2	2	F2F (NR)	KL	Yes	3,600	8	20	5	Coming Soon										23-27		
8	SKG 13 : Electric Motor and Drive, L2	2	F2F (NR)	Kerteh	Yes	6,500	10	20	4	Coming Soon									4-7			
9	SKG 13 : Ex Equipment, L2 (PEXCom# 03)	2	F2F (NR)	INSTEP	Coming Soon	2,600	10	20	5	Coming Soon						14-18						
10	SKG 13 : Generating Equipment & System, L2	2	F2F (NR)	Johor Bahru	Coming Soon	6,100	10	20	4	Coming Soon				6-9								
11	SKG 13 : Condition Monitoring and Predictive Analysis, L1 & L2	1 & 2	F2F (NR)	INSTEP	Yes	3,700	8	20	4	Coming Soon						3-6						
12	SKG 13 : Electrical Network Automation, L1 & L2	1 & 2	F2F (NR)	Melaka	Yes	2,300	10	20	3	Coming Soon								11-13				
13	SKG 13 : Green Energy, L1&L2	1 & 2	F2F (NR)	UTP	Coming Soon	3,800	8	20	3	Coming Soon										10-12		



SKG14: Instrumentation & Control

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2	1 & 2	F2F (NR)	KL	Yes	4,701	10	20	5	Coming Soon					15-19					23-27		
2	SKG14 : IC1.3 Quality Measurement, L1&2	1 & 2	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon					15-18							
3	SKG14 : IC2 Control Theory and Application, L1&2	1 & 2	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon					19-22							
4	SKG14 : IC3 Instrument Engineering Design, L1&2	1 & 2	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon						3-6						
5	SKG14 : IC4 Process Computer System, L1&2	1 & 2	F2F (NR)	INSTEP	Yes	2,458	10	20	4	Coming Soon					12-15							
6	SKG14 : IC5 Instrumented Safeguarding System, L1&2	1 & 2	F2F (NR)	KL	Yes	3,112	10	20	3	Coming Soon							21-23					
7	SKG14 : IC6 Control Valve, L1&2	1 & 2	F2F (NR)	INSTEP	Yes	2,938	10	20	5	Coming Soon			13-17									
8	SKG14 : IC1.2 Liquid and Gas Metering, L1&2	1 & 2	F2F (NR)	INSTEP	Yes	2,938	10	20	5	Coming Soon					5-9							
9	SKG14 : IC1.2 Liquid and Gas Metering, L3	3	F2F (NR)	INSTEP	Yes	2,938	10	20	5	Coming Soon												
10	SKG14 : IC1.3 Quality Measurement, L3	3	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon						3-6						
11	SKG14 : IC2 Control Theory and Application, L3	3	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon							21-24					
12	SKG14 : IC3 Instrument Engineering Design, L3	3	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon								11-14				
13	SKG14 : IC4 Process Computer System, L3	3	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon									23-26			
14	SKG14 : IC5 Instrumented Safeguarding System, L3	3	F2F (NR)	KL	Yes	3,907	10	20	4	Coming Soon											20-23	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG15: Materials, Corrosion & Inspection Engineering

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG15 : Integrated Module, L1	1	F2F (NR)	KL	Yes	4,500	8	20	4	Coming Soon	Upon Request (Click to Enquire)											
2	SKG15 : Atmospheric Storage Tank, L2	2	F2F (NR)	KL	Yes	4,500	8	20	4	Coming Soon			6-9									
3	SKG15 : Composites & Polymers, L2	2	F2F (NR)	KL	Yes	3,600	8	20	3	Coming Soon			14-16									
4	SKG15 : Corrosion Control & Mitigation - Part 1 Painting & Coating, L2	2	F2F (NR)	KL	Yes	3,800	8	20	3	Coming Soon				23-25								
5	SKG15 : Corrosion Control & Mitigation - Part 2 Chemical Treatment & Cathodic Protection, L2	2	F2F (NR)	KL	Yes	4,700	8	20	4	Coming Soon				29/5- 1/6								
6	SKG15 : Corrosion Engineering and Management, L2	2	F2F (NR)	KL	Coming Soon	3,600	8	20	3	Coming Soon								19-21				
7	SKG15 : Corrosion Testing & Monitoring, L2	2	F2F (NR)	KL	Coming Soon	2,700	8	20	2	Coming Soon										2-3		
8	SKG15 : Failure Investigation & Prevention, L2	2	F2F (NR)	KL	Yes	2,700	8	20	2	Coming Soon										4-5		
9	SKG15 : FPV & UPV, Piping & Pipeline, L2	2	F2F (NR)	KL	Yes	4,700	8	20	4	Coming Soon					12-15							
10	SKG15 : Metallurgy & Materials Selection, L2	2	F2F (NR)	KL	Yes	4,500	8	20	4	Coming Soon					19-22							
11	SKG15 : Non-Destructive Testing, L2	2	F2F (NR)	INSTEP	Yes	2,300	8	20	3	Coming Soon							11-13					
12	SKG15 : Quality Management, L2	2	F2F (NR)	KL	Yes	2,700	8	20	2	Coming Soon							24-25					
13	SKG15 : Risk Based Inspection Methodology, L2	2	F2F (NR)	KL	Yes	2,700	8	20	2	Coming Soon							26-27					
14	SKG15 : Supercorp - Process Related Corrosion (CO2/H2S/Acetic Acid/MIC), L2	2	F2F (NR)	KL	Coming Soon	3,600	8	20	3	Coming Soon								1-3				
15	SKG15 : Welding Technology, L2	2	F2F (NR)	KL	Yes	3,800	8	20	3	Coming Soon							8-10					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG15: Materials, Corrosion & Inspection Engineering

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
16	SKG15 : Advanced Material Selection, L3	3	F2F (NR)	KL	Yes	3600	8	20	3	Coming Soon								15-17				
17	SKG15 : Advanced Non-Destructive Testing, L3	3	F2F (NR)	KL	Yes	3600	8	20	3	Coming Soon								22-24				
18	SKG15 : Advanced Welding Technology, L3	3	F2F (NR)	KL	Yes	3600	8	20	3	Coming Soon									10-12			
19	SKG15 : Ceramics Composites & Polymers for Advance Application, L3	3	F2F (NR)	KL	Yes	4700	8	20	4	Coming Soon								4-7				
20	SKG15 : Corrosion Control and Mitigation, L3	3	F2F (NR)	KL	Yes	5600	8	20	5	Coming Soon								11-15				
21	SKG15 : Corrosion Engineering and Management, L3	3	F2F (NR)	KL	Coming Soon	3600	8	20	3	Coming Soon										7-9		
22	SKG15 : Corrosion Testing & Monitoring, L3	3	F2F (NR)	KL	Coming Soon	3600	8	20	3	Coming Soon											14-16	
23	SKG15 : Fitness for Service, L3	3	F2F (NR)	KL	Yes	5400	8	20	5	Coming Soon										16-20		
24	SKG15 : Risk Based Inspection Assessment & Auditing, L3	3	F2F (NR)	KL	Yes	3600	8	20	3	Coming Soon											31/10-2/11	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my											2023																						
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.1 Operations Management																																	
1	SKG16.1 : Gas Lift Optimisation Upstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon		7-9						1-3															
2	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon				15-17																			
3	SKG16.1 : Plant Cost Management, Level 2 Downstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon			6-8																				
4	SKG16.1 : Process Control Theory & Application, Level 2 Downstream	2	F2F (NR)	KL	Yes	2,800	8	20	3	Coming Soon		21-23					7-9																
5	SKG16.1 : Process Schematic (known as P&ID) Upstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon		27/2-1/3																					
6	SKG16.1 : SSDP Grounding I (Functional) Downstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon	Upon Request (Click to Enquire)																						
7	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream	2	F2F (NR)	INSTEP	Yes	1,800	8	20	4	Coming Soon																							
8	SKG16.1 : SSDP Supervisory and Leadership Downstream	2	F2F (NR)	KL	Yes	3,000	8	20	4	Coming Soon																							
9	SKG16.1 : Well Operations & Maintenance Upstream	2	F2F (NR)	KL	Coming Soon	3,000	8	20	3	Coming Soon				22-24																			
10	SKG16.1 : Advance Oil & Gas Handling (Subsurface), Level 3 Upstream	3	F2F (NR)	KL	Coming Soon	4,500	8	20	5	Coming Soon				8-12																			
11	SKG16.1 : Advance Oil & Gas Handling (Surface), Level 3 Upstream	3	F2F (NR)	KL	Coming Soon	4,500	8	20	5	Coming Soon					12-16																		
12	SKG16.1 : Plant Start Up & Shutdown Downstream	3	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon		13-15									6-8												





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
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PETRONAS Group

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac
SKG16.2 Production Planning																						
13	SKG16.2 : Introduction to Integrated HC Supply Chain, Level 1 Upstream	1	F2F (NR)	KL	Coming Soon	4,600	8	20	5	Coming Soon					19-23							
14	SKG16.2 : Feedstock Evaluation, Level 2 Downstream	2	F2F (NR)	KL	Coming Soon	2,200	8	20	2	Coming Soon										7-8		
15	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon				29-30								
16	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon		7-9										
17	SKG16.2 : HC Planning and Forecasting, Level 2 Downstream	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon			13-14									
18	SKG16.2 : HC Planning and Forecasting, Level 2 Upstream	2	F2F (NR)	KL	Yes	3,000	8	20	3	Coming Soon									2-4			
19	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon											5-6	
20	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Upstream	2	F2F (NR)	KL	Yes	4,600	8	20	5	Coming Soon										20-24		
21	SKG16.2 : Production Operations, Level 2 Upstream	2	F2F (NR)	KL	Yes	4,600	8	20	5	Coming Soon								4-8				
22	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream	2	F2F (NR)	KL	Coming Soon	4,600	8	20	5	Coming Soon						10-14						
23	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream	2	F2F (NR)	KL	Yes	4,600	8	20	5	Coming Soon					12-16							
24	SKG16.2 : Ship & Shore Measurement, Level 3 Downstream	3	F2F (NR)	KL	Coming Soon	3,000	8	20	3	Coming Soon											12-14	
25	SKG16.2 : Marketing for Production Planning, Level 3 Downstream	3	F2F (NR)	KL	Coming Soon	3,000	8	20	3	Coming Soon					12-14							



SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac
SKG16.3 Process Technology																						
26	SKG16.3 : Grounding Program, Level 2	2	F2F (NR)	KL	Yes	7,300	8	20	10	Coming Soon		20/2-3/3					7-18					
27	SKG16.3 : Hazardous Area Classification, Level 2	2	F2F (NR)	KL	Yes	2,900	8	20	3	Coming Soon				15-17								
28	SKG16.3 : HAZID & What If Technique, Level 2	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon			1-2							28-29		
29	SKG16.3 : LOPA, Level 2	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon				20-21							5-6	
30	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2	2	F2F (NR)	KL	Yes	2,900	8	20	3	Coming Soon			13-15									
31	SKG16.3 : Safety in Process Design & Operations, Level 2	2	F2F (NR)	KL	Yes	3,700	8	20	4	Coming Soon				15-18				11-14				
32	SKG16.3 : Water Technology, Level 2 (Waste Water)	2	F2F (NR)	KL	Yes	2,100	8	20	2	Coming Soon										21-22		
33	SKG16.3 : Water Technology, Level 2 (Water Utility)	2	F2F (NR)	KL	Coming Soon	4,000	8	20	4	Coming Soon		13-16										
34	SKG16.3 : Design of Water System, Level 3	3	F2F (NR)	KL	Yes	4,500	8	20	5	Coming Soon				8-12								
35	SKG16.3 : Distillation Design & Operations, Level 3	3	F2F (NR)	KL	Yes	2,900	8	20	3	Coming Soon			6-8									
36	SKG16.3 : HAZOP Leader, Level 3	3	F2F (NR)	KL	Yes	2,900	8	20	3	Coming Soon				22-24		24-26						
37	SKG16.3 : Process Risk Assessment & Tools, Level 3	3	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon		27-28									21-22	
38	SKG16.3 : QRA & Consequence Modelling, Level 3	3	F2F (NR)	KL	Yes	2,900	8	20	3	Coming Soon					12-14					9-11		





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023													
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.4 Plant Improvement & Optimisation																								
39	SKG16.4 : iCON Basic Training, Level 2	2	F2F (NR)	KL	Yes	4,500	8	20	5	Coming Soon			27 /2-3/3					21-25						
40	SKG16.4 : Instrumentation for Process Control, Level 2	2	F2F (NR)	KL	Yes	2,200	8	20	2	Coming Soon								18-19						
41	SKG16.4 : Introduction to Multivariable Predictive Control, Level 2	2	F2F (NR)	KL	Yes	3,200	6	20	2	Coming Soon								20-21						
42	SKG16.4 : MPC Implementation, Level 2	2	F2F (NR)	KL	Yes	5,300	6	20	4	Coming Soon						3-6								
43	SKG16.4 : Process Control Theory and Application, Level 2	2	F2F (NR)	KL	Yes	3,700	8	20	4	Coming Soon			6-9				14-17							
44	SKG16.4 : Regression and First Principle Inference, Level 2	2	F2F (NR)	KL	Yes	4,300	6	20	3	Coming Soon				29-31										
45	SKG16.4 : Advanced Technique in PID Control, Level 3	3	F2F (NR)	KL	Yes	4,300	6	20	3	Coming Soon								23-25						
SKG16.5 Process Engineering/Design																								
46	SKG16.5 : PVT & EOS	2	F2F (NR)	KL	Coming Soon	6,600	6	20	5	Coming Soon													20-24	

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023													
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.6 Analytical and Product & Application Technology																								
47	SKG16.6 : Analytical Equipment: Chromatography and Spectroscopy Part 1 & 2, Level 2	2	F2F (NR)	Sg. Petani	Yes	5,500	6	20	5	Coming Soon						12-16								
48	SKG16.6 : Lab Safety, Level 2	2	F2F (NR)	Putrajaya	Coming Soon	4,600	6	20	4	Coming Soon			6-9											
49	SKG16.6 : Method and Standards for Sampling and Testing, Level 2	2	F2F (NR)	Putrajaya	Yes	4,600	6	20	4	Coming Soon		13-16												
50	SKG16.6 : Statistics, Calibration and Method Validation, Level 2	2	F2F (NR)	KL	Coming Soon	4,600	6	20	4	Coming Soon									4-7					
51	SKG16.6 : Advanced Atomic Absorption, Level 3	3	F2F (NR)	Putrajaya	Coming Soon	5,500	6	20	5	Coming Soon				22-26										
52	SKG16.6 : Advanced Gas Chromatography, Level 3	3	F2F (NR)	Putrajaya	Coming Soon	5,500	6	20	5	Coming Soon						10-14								
53	SKG16.6 : Advanced XRF Training, Level 3	3	F2F (NR)	Kerteh	Coming Soon	3,700	7	20	3	Coming Soon										16-18				





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
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PETRONAS Group

SKG18: Health, Safety & Environment Programme

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 sitiashahaina.ahma@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG18 Core Generic																						
1	SKG18 : First Line HSEMS Assurance, L2	2	F2F (NR)	KL	Yes	2,900	5	20	2	Coming Soon	Upon Request (Click to Enquire)											
2	SKG18 : HSE Management System (HSE MS), L2	2	F2F (NR)	KL	Yes	4,600	5	20	4	Coming Soon					8-11					2-5		
SK,G18.0 General HSE																						
3	SKG18 : Environmental Management, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon						13-15						
4	SKG18 : Incident Investigation, L2	2	F2F (NR)	KL	Yes	2,900	5	20	2	Coming Soon					15-16			9-10				
5	SKG18 : Management of Contractor HSE, L2 (VILT)	2	F2F (NR)	KL	Coming Soon	2,300	5	20	2	Coming Soon									5-6			
6	SKG18 : Management of Hazardous Chemicals and Waste, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon										4-5		
7	SKG18 : Safe System of Work, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Upon Request (Click to Enquire)											
8	SKG18 : Behavioral Safety, L3	3	F2F (NR)	KL	Yes	3,100	5	20	2	Coming Soon	Upon Request (Click to Enquire)											
SKG18.01 Emergency Management																						
9	SKG18 : Emergency & Crisis Management, L2	2	F2F (NR)	KL	Coming Soon	2,300	5	20	2	Coming Soon					17-18							
10	SKG18 : Fire Protection & Prevention, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Upon Request (Click to Enquire)											
11	SKG18 : Fire Risk Assessment (FRA), L3	3	F2F (NR)	KL	Coming Soon	3,100	5	20	2	Coming Soon	Upon Request (Click to Enquire)											



SKG18: Health, Safety & Environment Programme

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 sitiainshahaina.ahma@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar
SKG18.1.1 Operation Safety																						
12	SKG18 : Human Factors in Operation and Maintenance, L2	2	F2F (NR)	KL	Coming Soon	3,100	5	20	2	Coming Soon	Upon Request (Click to Enquire)											
13	SKG18 : Managing Major Hazard, L3	3	F2F (NR)	KL	Coming Soon	3,100	5	20	2	Coming Soon												
14	SKG18 : Operational Safety Management (OSM), L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon							8-10					
15	SKG18 : Process Safety Management (PSM), L3	3	F2F (NR)	KL	Yes	3,900	5	20	3	Coming Soon											7-8	
SKG18.1.3 Fire Safety																						
16	SKG18 : Fire Protection & Prevention, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Refer to SKG18.1.3 Fire Safety											
17	SKG18 : Fire Risk Assessment (FRA), L3	3	F2F (NR)	KL	Coming Soon	3,100	5	20	2	Coming Soon												
SKG18.2 Environment																						
18	SKG18 : Environmental Management, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Refer to SKG18.0 General HSE											
19	SKG18 : Air Emission Management, L3	3	F2F (NR)	KL	Yes	3,800	5	20	3	Coming Soon												
20	SKG18 : Environmental Risk Assessment EAI & HER, L3	3	F2F (NR)	KL	Yes	3,100	5	20	2	Coming Soon							10-12					
21	SKG18 : Project Environmental Management, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Upon Request (Click to Enquire)											
22	SKG18 : Spill Prevention and Contaminated Sites Management, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon												
23	SKG18 : Water & Wastewater Management, L3	3	F2F (NR)	KL	Yes	3,900	5	20	3	Coming Soon											4-6	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
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PETRONAS Group

SKG18: Health, Safety & Environment Programme

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 sitiainshahaina.ahma@petronas.com.my											2023																					
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
SKG18.3 Industrial Hygiene																																
24	SKG18 : Fundamental of OH and IH, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon						4-6																
25	SKG18 : Engineering Control in Managing Health Risks, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Upon Request (Click to Enquire)																					
26	SKG18 : Applied Ergonomics, L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon																						
27	SKG18 : Health Risk Assessment (HRA), L3	3	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon																						
28	SKG18 : SHOC & HCA TTT, L3	3	F2F (NR)	KL	Coming Soon	4,800	5	20	4	Coming Soon																						
SKG18.4 Occupational Health																																
29	SKG18 : Fundamental of OH and IH, L2	2	F2F (NR)	KL	Coming Soon	3,900	5	20	3	Coming Soon	Refer to SKG18.3 Industrial Hygiene																					
SKG18.7 Climate Change																																
30	SKG18 : GHG Inventory & Reporting, L3	3	F2F (NR)	KL	Coming Soon	3,100	5	20	2	Coming Soon	Upon Request (Click to Enquire)																					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG19: Project Management

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											1	SKG19 : PM3 Project Time Management, L1	1	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon	
2	SKG19 : PM4 Project Cost Management, L1	1	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon							7-8					
3	SKG19 : Process Schematic and P&ID, L1	1	F2F (NR)	INSTEP	Yes	2,600	7	20	3	Coming Soon			14-16									
4	SKG19 : Project Management Essentials, L1	1	F2F (NR)	KL	Coming Soon	5,800	7	20	5	Coming Soon			6-10									
5	SKG19 : Safety Process Design Application in Plant Commissioning & Start up (SPDA), L1	1	F2F (NR)	KL	Coming Soon	3,800	7	20	3	Coming Soon							15-17					
6	SKG19 : SIMOPS, L1	1	Online	MS Teams	Coming Soon	1,000	7	20	2	Coming Soon				23-24								
7	SKG19 : PM1 Project Integration Management, L2	2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon				29-30								
8	SKG19 : PM2 Project Scope Management, L2	2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon					20-21							
9	SKG19 : PM3 Project Time Management, L2	2	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon					14-15							
10	SKG19 : PM4 Project Cost Management, L2	2	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon							9-10					
11	SKG19 : PM5 Project Quality Management, L2	2	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon						4-5						
12	SKG19 : PM6 Project Organization & Manning Management, L2	2	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon						11-12						
13	SKG19 : PM7 Project Communication Management, L2	2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon						25-26						
14	SKG19 : PM8 Project Risk Management, L2	2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon						1-2						





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

SKG19: Project Management

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											15	SKG19 : PM9 Project Procurement Management, L2	2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon	
16	SKG19 : PM10 Project HSE Management, L2	2	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon								5-6				
17	SKG19 : Turnaround Management, L1/L2	1 & 2	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon								13-14				
18	SKG19 : PM1 Project Integration Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon				31								
19	SKG19 : PM2 Project Scope Management, L3	3	F2F (NR)	KL	Yes	1,800	7	20	1	Coming Soon					22							
20	SKG19 : PM3 Project Time Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon								18				
21	SKG19 : PM4 Project Cost Management, L3	3	F2F (NR)	KL	Coming Soon	2,800	7	20	2	Coming Soon								11-12				
22	SKG19 : PM5 Project Quality Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon							6					
23	SKG19 : PM6 Project Organization & Manning Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon							13					
24	SKG19 : PM7 Project Communication Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon							27					
25	SKG19 : PM8 Project Risk Management, L3	3	F2F (NR)	KL	Yes	1,800	7	20	1	Coming Soon								3				
26	SKG19 : PM9 Project Procurement Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon								24				
27	SKG19 : PM10 Project HSE Management, L3	3	F2F (NR)	KL	Coming Soon	1,800	7	20	1	Coming Soon								7				
28	SKG19 : Turnaround Management, L3	3	F2F (NR)	KL	Yes	2,800	7	20	2	Coming Soon									4-5			
29	SKG19 : Project Management Professional (PMP) Preparation (VILT)	-	Online	MS Teams	Coming Soon	4,600	7	20	5	Coming Soon								18-22				



SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
											1	SKG25 : Borehole Survey & Survey Management, L2	2	F2F (NR)	KL	Coming Soon	2,200	8	30	3	Coming Soon	
2	SKG25 : Casing Materials and Connection Selection, L2	2	F2F (NR)	KL	Yes	3,500	8	20	5	Coming Soon			13-17									
3	SKG25 : Drilling & Completion Fluids, L2	2	F2F (NR)	KL	Coming Soon	3,700	8	20	5	Coming Soon					19-23							
4	SKG25 : Drilling for None Driller, L2	2	F2F (R)	INSTEP	Coming Soon	9,300	8	15	3	Coming Soon							22-24					
5	SKG25 : Electric Line Operation, L2	2	F2F (NR)	Kemaman	Coming Soon	6,800	10	20	3	Coming Soon										3-5		
6	SKG25 : Extended Reach Drilling, L2	2	F2F (NR)	KL	Coming Soon	11,900	10	20	3	Coming Soon						3-5						
7	SKG25 : Manage Pressure Drilling (MPD), L2	2	F2F (NR)	KL	Coming Soon	2,100	8	20	2	Coming Soon		21-23										
8	SKG25 : Plug & Abandonment Awareness, L2	2	F2F (NR)	KL	Coming Soon	3,800	5	15	2	Coming Soon					7-8							
9	SKG25 : Slickline Operation, L2	2	F2F (NR)	Labuan	Coming Soon	10,300	8	10	5	Coming Soon											6-10	
10	SKG25 : Stuck Pipe Prevention & Fishing, L2	2	F2F (NR)	KL	Coming Soon	9,800	10	20	5	Coming Soon						31/7-4/8						
11	SKG25 : Well Completion, L2	2	F2F (NR)	KL	Coming Soon	3,900	8	20	5	Coming Soon			6-10									
12	SKG25 : Well Integrity & Intervention, L2	2	F2F (NR)	KL	Coming Soon	7,800	8	15	5	Coming Soon				22-26								
13	SKG25 : Wellhead Preventive Maintenance, L2	2	F2F (NR)	Miri	Coming Soon	7,400	8	12	3	Coming Soon							8-10					



SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											2023											
											Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mac
14	SKG25 : Cementing, L2	2	F2F (NR)	KL	Coming Soon	2,600	8	20	4	Coming Soon	Upon Request (Click to Enquire)											
15	SKG25 : Coiled Tubing Operation, L2	2	F2F (NR)	Labuan	Coming Soon	11,100	10	20	5	Coming Soon												
16	SKG25 : Deepwater Drilling, L2	2	F2F (NR)	KL	Coming Soon	3,700	10	20	5	Coming Soon												
17	SKG25 : HSE in Drilling, L2	2	F2F (NR)	KL	Coming Soon	4,700	8	20	5	Coming Soon												
18	SKG25 : HPHT, L2	2	F2F (NR)	KL	Coming Soon	11,300	10	20	5	Coming Soon												
19	SKG25 : IWCF Drilling Well Control, L2	2	F2F (NR)	KL	Coming Soon	6,900	1	6	5	Coming Soon												
20	SKG25 : Pore Pressure Prediction & Mechanical Borehole Stability, L2	2	F2F (NR)	KL	Coming Soon	12,600	15	20	5	Coming Soon												
21	SKG25 : Real Time Drilling (RTO), L2	2	F2F (NR)	KL	Coming Soon	3,300	8	20	5	Coming Soon												
22	SKG25 : Rig Equipment Inspection, L2	2	F2F (NR)	KL	Coming Soon	13,500	10	20	5	Coming Soon												
23	SKG25 : Sand Management & Control, L2	2	F2F (NR)	KL	Coming Soon	16,300	10	20	5	Coming Soon												
24	SKG25 : Well Engineering, L2	2	F2F (NR)	KL	Coming Soon	14,800	10	20	5	Coming Soon												
25	SKG25 : Well Engineering Software Application, L2	2	F2F (NR)	KL	Coming Soon	3,500	4	5	5	Coming Soon												
26	SKG25 : Advance Drilling Fluid, L3	3	F2F (NR)	KL	Yes	2,500	8	20	5	Coming Soon												
27	SKG25 : Advanced Cementing, L3	3	F2F (NR)	KL	Yes	2,500	8	20	5	Coming Soon												



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
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PETRONAS Group

SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
											Upon Request (Click to Enquire)												
28	SKG25 : Advanced Well Completion, L3	3	F2F (NR)	KL	Coming Soon	5,300	8	20	5	Coming Soon											30/10-3/11		
29	SKG25 : Coil Tubing Engineering, L3	3	F2F (NR)	Labuan	Coming Soon	5,100	8	15	3	Coming Soon				15-19								28-30	
30	SKG25 : IWCF Well Intervention Pressure Control, L3 & 4	3 & 4	F2F (NR)	KL	Coming Soon	6,900	1	6	5	Coming Soon	Upon Request (Click to Enquire)												
31	SKG25 : IWCF Drilling Well Control, L4	4	F2F (NR)	KL	Coming Soon	6,900	1	6	5	Coming Soon	Upon Request (Click to Enquire)												



● Non-executive Technical Solutions (NETS)



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR
2023

PETRONAS Group

NET UPG: Petroleum Industry Programme (PIP)

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
										Upon Request (Click to Enquire)											
1	NET PIP: Introduction to Petroleum Technology	F2F (NR)	KL	Coming Soon	3,700	8	20	5	Coming Soon												
2	NET PIP: Overview of Petroleum Industry	F2F (NR)	INSTEP	Yes	1,500	8	20	3	Coming Soon												

NET UPG: Exploration & Production (E&P)

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																		
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec							
		1	NET E&P : Gaslift Operations and Optimisation	x			x	x	x											F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon			20-22						
2	NET E&P : Gas Compression and Compressor Operation & Control	x			x	x	x			F2F (NR)	KL	Coming Soon	3,300	8	20	3	Coming Soon							11-13												
3	NET E&P : Produced Water Treatment System on the Platform	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon									11-13										
4	NET E&P : Basic Petroleum Prod, Transportation & Processes	x			x	x	x			F2F (NR)	KL	Coming Soon	3,300	8	20	3	Coming Soon	Upon Request (Click to Enquire)																		
5	NET E&P : Gas Dehydration and Regeneration System	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon																			
6	NET E&P : Petroleum Liquid and Gas Properties	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon																			
7	NET E&P : Pipe, Valve, Fitting & PNID	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon																			
8	NET E&P : Water Injection System	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon																			
9	NET E&P : Wellhead and Production Header System	x			x	x	x			F2F (NR)	KL	Yes	3,300	8	20	3	Coming Soon																			

NET UPG: Process & Analytical (P&A) – Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																		
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec							
		1	NET P&A : Compressor, Fan and Blowers: Operation and Care		x		x	x	x											F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon		13-15							7-9
2	NET P&A : Cooling Water		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon			6-8								2-4								
3	NET P&A : Filter and Strainer: Operation and Care		x		x	x	x			F2F (NR)	KL	Yes	1,900	8	20	2	Coming Soon						12-13					9-10								
4	NET P&A : Furnace		x		x	x	x			F2F (NR)	KL	Yes	1,900	8	20	2	Coming Soon										4-5								4-5	
5	NET P&A : Gas Turbine: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	2,600	8	20	3	Coming Soon					8-10			3-5											
6	NET P&A : Heat Exchangers: Operation and Care		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon	16-18											6-8							
7	NET P&A : Piping and Valves		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon						19-21													18-20
8	NET P&A : Plant Air Systems		x		x	x	x			F2F (NR)	KL	Yes	1,900	8	20	2	Coming Soon					15-16					11-12									
9	NET P&A : Pump Operation and Care		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon			13-15						14-16										
10	NET P&A : Reactor: Operation and Care		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon						6-8					16-18								
11	NET P&A : Steam Turbine : Operation & Care		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon					19-21				18-20										
12	NET P&A : Tankage and Storage		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon		7-9						10-12											
13	NET P&A : Terminal Operation		x		x	x	x			F2F (NR)	KL	Yes	1,900	8	20	2	Coming Soon									1-2									20-21	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Process & Analytical (P&A) – Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																			
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec								
		14	NET P&A : Utility: Flare, LDS & Fuel Gas System	x			x	x	x											F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon		21-23					12-14			
15	NET P&A : Water and Waste Water Treatment System	x			x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon	16-18										11-13									
16	NET P&A : Distillation Principles			x					x	F2F (NR)	INSTEP	Yes	900	8	15	3	Coming Soon																			23-25	
17	NET P&A : Fundamentals Process Control System Engineering			x					x	F2F (NR)	INSTEP	Yes	1,200	8	15	4	Coming Soon						15-18														27-30
18	NET P&A : Separation Process			x					x	F2F (NR)	KL	Yes	1,900	8	20	2	Coming Soon			20-21																	12-13



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Process & Analytical (P&A) – Process Laboratory

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																					
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec										
		1	NET P&A : Fundamental of Analysis and Hydrocarbon Chemistry		x		x	x	x											F2F (NR)	KL	Yes	2,000	8	20	2	Coming Soon						8-9						
2	NET P&A : Inventory and Record		x		x	x	x			F2F (NR)	KL	Yes	2,000	8	20	2	Coming Soon		7-8																				
3	NET P&A : Laboratory Safety		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon			6-8																			
4	NET P&A : Physical and Biological Techniques		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon						19-21																
5	NET P&A : Reagent Preparation and Standardisation		x		x	x	x			F2F (NR)	KL	Yes	2,000	8	20	2	Coming Soon							3-4															
6	NET P&A : Sample Management and Field Testing		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon										4-6												
7	NET P&A : Spectroscopy Technique Analysis		x		x	x	x			F2F (NR)	Melaka	Yes	2,600	8	20	3	Coming Soon									14-16													
8	NET P&A : Titration and Electrochemistry		x		x	x	x			F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon											23-25											
9	NET P&A : Water & Wastewater Analysis		x		x	x	x			F2F (NR)	INSTEP	Yes	1,000	8	20	3	Coming Soon																					4-6	
10	NET P&A : Calibration Requirments of Laboratory Equipment			x			x	x		F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon																				20-22		
11	NET P&A : Maintenance and Troubleshooting of Gas Chromatograph			x			x	x		F2F (NR)	INSTEP	Yes	1,000	8	20	3	Coming Soon					15-17																	
12	NET P&A : Principles and Calibration of Gas Chromatograph			x			x	x		F2F (NR)	KL	Yes	2,600	8	20	3	Coming Soon			13-15																			





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Civil

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																			
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec								
		1	NET CIVIL : HSE, Civil Management & Documentation	x	x	x	x	x	x											F2F (NR)	KL	Yes	2,400	7	20	2	Coming Soon							14-15			
2	NET CIVIL : Painting & Heat Protection Technology	x	x	x	x	x	x			F2F (NR)	KL	Yes	2,400	7	20	2	Coming Soon								12-13												
3	NET CIVIL : Road, Sewerage and General Services Technology	x	x	x	x	x	x			F2F (NR)	KL	Yes	3,100	7	20	3	Coming Soon									9-10											
4	NET CIVIL : Scaffolding Appreciation	x	x	x	x	x	x			F2F (NR)	KL	Yes	3,100	7	20	3	Coming Soon			7-9																	
5	NET CIVIL : Structural Work and Maintenance Technology	x	x	x	x	x	x			F2F (NR)	KL	Yes	2,400	7	20	2	Coming Soon											6-7									



NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																				
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec									
1	NET MECH : Advance NDT method: Eddy Current								F2F (NR)	KL	Yes	2,900	10	20	3	20							13-15															
2	NET MECH : Alignment Principles & Technology		x		x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15							20-22															
3	NET MECH : Atmospheric Storage Tank Maintenance		x		x	x	x	x	F2F (NR)	INSTEP	Coming Soon	1,200	10	20	3	Coming Soon											20-22											
4	NET MECH : Basic Principles of Rotating Equipment					x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15			14-16																			
5	NET MECH : Bearing Technology and Maintenance				x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15					23-25																	
6	NET MECH : BIKE Appreciation Module								F2F (NR)	INSTEP	Coming Soon	1,300	10	20	3	Coming Soon					23-25																	
7	NET MECH : Centrifugal Gas Compressor								F2F (NR)	INSTEP	Yes	1,200	10	20	3	15									11-13													
8	NET MECH : Condition Monitoring of Rotary Equipment					x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15								4-6														
9	NET MECH : Corrosion Control and Monitoring					x	x	x	F2F (NR)	KL	Yes	3,500	10	20	3	15									25-27													
10	NET MECH : Destructive Testing					x	x	x	F2F (NR)	INSTEP	Yes	900	10	20	2	10										19-20												
11	NET MECH : Diesel engine: Operation & Maintenance					x	x	x	F2F (NR)	KL	Yes	3,300	10	20	4	20					12-15																	
12	NET MECH : Equipment Balancing					x	x	x	F2F (NR)	KL	Yes	3,000	10	20	3	15								25-27														
13	NET MECH : Gas turbine: Operation and Maintenance		x		x	x	x	x	F2F (NR)	KL	Yes	3,300	10	20	4	20			6-9																			



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

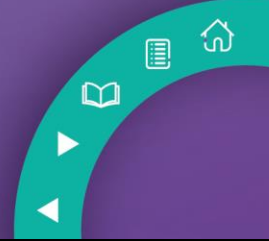
NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																		
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec							
14	NET MECH : Hydraulic Systems: Operation, Troubleshooting & Maintenance				x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15			7-9																	
15	NET MECH : Liquid Penetrant Testing (PT)						x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	Coming Soon																		10-12	
16	NET MECH : Lubrication and Filtration						x	x	x	F2F (NR)	Melaka	Yes	2,700	10	20	3	15																		17-19	
17	NET MECH : Magnetic Particle Testing (MT)						x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	Coming Soon																		24-26	
18	NET MECH : Mechanical Seal Maintenance and Troubleshooting				x	x	x	x	x	F2F (NR)	KL	Yes	2,700	10	20	3	15																		8-10	
19	NET MECH : Non-Destructive Testing			N/A			x	x	x	F2F (NR)	INSTEP	Yes	1,500	10	20	4	20																		14-16	
20	NET MECH : Painting and Coating Inspection								x	F2F (NR)	INSTEP	Yes	1,000	10	20	2	10																		16-17	
21	NET MECH : Pneumatic Systems: Operation, Troubleshooting & Maintenance					x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15																		29-31	
22	NET MECH : Positive Displacement Pump				x	x	x	x	x	F2F (NR)	INSTEP	Yes	900	10	20	2	10																		2-3	
23	NET MECH : Precision Measurement Tools and Bench Fittings					x	x	x	x	F2F (NR)	KL	Yes	3,300	10	20	4	20																		7-10	
24	NET MECH : Precision Practical Alignment				x	x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15																		30/10-1/11	
25	NET MECH : Pressure Relief Valve Inspection	x					x	x	x	F2F (NR)	INSTEP	Coming Soon	900	10	20	2	Coming Soon																	20-21		



NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
26	NET MECH : Pump Troubleshooting					x	x	x	F2F (NR)	INSTEP	Yes	900	10	20	2	10									14-15				
27	NET MECH : Quality Control						x	x	x	F2F (NR)	KL	Yes	3,100	10	20	3	15									7-9			
28	NET MECH : Quality Control of Rotating Equipment						x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15								22-24				
29	NET MECH : Reciprocating Compressor			x	x	x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15									28-30				
30	NET MECH : Single Stage Centrifugal Pump					x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15							29-31						
31	NET MECH : Single Stage Steam Turbine					x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	20	3	15									12-14				
32	NET MECH : Tank Maintenance and Repair					x	x	x	F2F (NR)	INSTEP	Yes	1,500	10	20	4	20									20-23				
33	NET MECH : Troubleshooting Technique of Rotating Equipment					x	x	x	F2F (NR)	KL	Yes	2,700	10	20	3	15										14-16			
34	NET MECH : Ultrasonic Testing (UT)							x	x	x	F2F (NR)	INSTEP	Yes	1,200	10	15	3	Coming Soon							4-6				
35	NET MECH : Unfired Pressure Vessel Inspection							x	x		F2F (NR)	INSTEP	Yes	1,200	10	20	3	15							12-14				





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023																
		L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec					
36	NET MECH : Valve Maintenance, L1	x					x	x	x	F2F (NR)	INSTEP	Coming Soon	900	10	20	2	Coming Soon								11-12									
37	NET MECH : Vibration Survey and Analysis	N/A					x	x	x	F2F (NR)	KL	Yes	2,700	10	20	3	15										5-7							
38	NET MECH : Welding Inspection						x	x		F2F (NR)	INSTEP	Yes	1,200	10	15	3	15			14-16														
39	NET MECH : Welding Technology		x	x	x					F2F (NR)	INSTEP	Yes	1,500	10	15	4	20					29-31												



NET UPG: Electrical

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023														
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
										1	NET ELEC : Condition-Based Monitoring of High Voltage Switchgears and Transformers	F2F (NR)	KL	Yes	1,400	8	20	4	20					
2	NET ELEC : Electrical Protection System	F2F (NR)	KL	Yes	1,100	8	20	4	Coming Soon					8-11										
3	NET ELEC : Earthing, Lightning & Cathodic Protection System	F2F (NR)	KL	Yes	900	8	20	3	15							10-12								
4	NET ELEC : Fire Alarm, Public Address & General Alarm System	F2F (NR)	KL	Yes	900	8	20	3	Coming Soon								7-9							
5	NET ELEC : Generator Operation and Control System	F2F (NR)	KL	Yes	1,100	8	20	3	10						6-8								14-16	
6	NET ELEC : Heating, Ventilation & Air Conditioning System	F2F (NR)	KL	Yes	1,100	8	20	4	20														27-30	
7	NET ELEC : High Voltage System Switching	F2F (NR)	KL	Yes	900	8	20	3	15					15-17										
8	NET ELEC : High Voltage Switching and Generator Synchronizing Practice	F2F (NR)	KL	Yes	1,700	8	20	5	25						19-23									
9	NET ELEC : Low Voltage Switching and Generator Synchronizing Practice	F2F (NR)	KL	Yes	1,700	8	20	5	25													23-27		
10	NET ELEC : Motor Control System	F2F (NR)	KL	Yes	1,100	8	20	4	20							6-9								
11	NET ELEC : Motor Operated Valve (MOV)	F2F (NR)	KL	Yes	1,100	8	20	3	10										4-6					
12	NET ELEC : Maintenance and Troubleshooting of AC & DC UPS System	F2F (NR)	KL	Yes	900	8	20	3	15							13-15								
13	NET ELEC : Maintenance and Troubleshooting of Low Voltage Motor	F2F (NR)	KL	Yes	900	8	20	3	Coming Soon															





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Electrical

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										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
										14	NET ELEC : Operation and Maintenance of Low Voltage Switchboard	F2F (NR)	KL	Yes	900	8	20	3	Coming Soon			
15	NET ELEC : Operation and Maintenance of High Voltage Motor	F2F (NR)	KL	Yes	1,100	8	20	3	15						24-26							
16	NET ELEC : Operation and Maintenance of Solar Energy Equipment	F2F (NR)	KL	Yes	3,300	10	20	3	15											20-22		
17	NET ELEC : Power Electronics	F2F (NR)	KL	Yes	900	8	20	3	15					23-25								
18	NET ELEC : Pre- Commissioning and Commissioning of Electrical Equipment	F2F (NR)	KL	Yes	900	8	20	3	Coming Soon		13-15											
19	NET ELEC : Portable Electrical Equipment and Temporary Installation	F2F (NR)	KL	Yes	600	8	20	2	Coming Soon			1-2										
20	NET ELEC : Power Management Practice	F2F (NR)	KL	Yes	600	8	20	2	Coming Soon								21-22					
21	NET ELEC : Selection, Installation and Inspection of Ex Equipment	F2F (NR)	KL	Yes	900	8	20	3	20		20-22							18-20				
22	NET ELEC : Soft Starter & Variable Speed Drive System (VS DS)	F2F (NR)	KL	Yes	900	8	20	3	15										9-11			





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Instrumentation

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	NET INST : Control Valve I, L1*	1	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon			6-8									
2	NET INST : Instrumented Safeguarding System I, L1*	1	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon						10-12						
3	NET INST : Process Control Theory and Application, L1	1	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon									23-25			
4	NET INST : Process Measurement I L1*	1	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon					19-21							
5	NET INST : Liquid and Gas Metering L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon				8-10								
6	NET INST : Control Valve II, L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon								11-13	23-25			
7	NET INST : Process Measurement II, L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon							1-3					
8	NET INST : Instrumented Safeguarding System II L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon											6-8	
9	NET INST : Vibration Monitoring System, L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon				15-17								
10	NET INST : Gas Chromatograph, L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon					5-7							
11	NET INST : PID Tuning, L2*	2	F2F (NR)	INSTEP	Yes	1,905	8	15	4	Coming Soon								4-7		23-26		
12	NET INST : Quality Measuring Instrument, L2*	2	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon						24-26						
13	NET INST : Gas Turbine and Control System -Solar-Turbotronic I, L2	2	F2F (NR)	Kuantan	Yes	3,236	10	15	4	Coming Soon						24-27						
14	NET INST : GE Heavy Duty Gas Turbine, L2	2	F2F (NR)	Kuantan	Yes	3,236	10	15	4	Coming Soon							21-24					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Instrumentation

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
15	NET INST : Gas Detection System, L3*	3	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon							14-16					
16	NET INST : Programmable Logic Controller - Allen Bradley CLX5000, L3*	3	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon									16-18			
17	NET INST : Introduction to the Distributed Control System (DCS) Operation - Experion PKS for Process Operator, L3	3	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon					5-7							
18	NET INST : Introduction to the Distributed Control System (DCS) Operation - Yokogawa CS 3000 for Process Operator, L3	3	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon						10-12						
19	NET INST : Honeywell EPKS Engineering & Maintenance, L3	3	F2F (NR)	INSTEP	Yes	1,905	8	15	4	Coming Soon							14-17					
20	NET INST : Safety PLC- Tricon TMR, L3	3	F2F (NR)	INSTEP	Yes	1,546	8	15	3	Coming Soon								4-6				
21	NET INST : Instrument Installation and Maintenance, L3*	3	F2F (NR)	KL	Yes	2,917	10	15	3	Coming Soon					12-14			25-27				
22	NET INST : Solar Turbine & Control System II, L3	3	F2F (NR)	Kuantan	Yes	3,236	10	15	4	Coming Soon											23-26	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Health, Safety & Environment (HSE) – HSE Training Matrix Programme

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 siti@shahaina.ahma@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
										1	HSE TMP : Emergency Management Program (EMP)	F2F (NR)	INSTEP	Coming Soon	1,200	10	20	2	Coming Soon			
2	HSE TMP : Fundamental of Environmental Management	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon			2										
3	HSE TMP : Hazard and Effect Management Process (HEMP)	F2F (NR)	INSTEP	Yes	1,800	8	20	3	Coming Soon					16-18			15-17					5-7
4	HSE TMP : Noise & Hearing Conservation Awareness	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon		7			25			2				1	
5	HSE TMP : Permit To Work, L1	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon		8				22			6				
6	HSE TMP : Permit To Work, L2	F2F (NR)	INSTEP	Coming Soon	1,200	10	20	2	Coming Soon			20-21				12-13				24-25		
7	HSE TMP : Root Cause Analysis (Incident Investigation) - 5 Why & Tripod Beta	F2F (NR)	INSTEP	Yes	1,200	10	20	2	Coming Soon			13-14				26-27					22-23	
8	HSE TMP : Safe Handling of Chemicals (SHOC)	F2F (NR)	INSTEP	Yes	1,200	10	20	2	Coming Soon			15-16						20-21				
9	HSE TMP : Working at Height & Rescue	F2F (NR)	INSTEP	Yes	1,200	10	20	2	Coming Soon					10-11						18-19		
10	HSE TMP : Working at Height Awareness	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon		13						3					
11	HSE TMP : Basic Fire Fighting	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon	Upon Request (Click to Enquire)												
12	HSE TMP : Basic First Aid	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon													
13	HSE TMP : Behavioral Safety	F2F (NR)	INSTEP	Coming Soon	1,200	10	20	2	Coming Soon													
14	HSE TMP : BowTie (Hands-on) within HEMP Framework	F2F (NR)	INSTEP	Coming Soon	1,900	10	20	2	Coming Soon													
15	HSE TMP : CePSWaM Field Training Report Preparation Workshop (FTR)	F2F (NR)	INSTEP	Yes	1,700	10	20	2	Coming Soon													



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Health, Safety & Environment (HSE) – HSE Training Matrix Programme

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 sitiaishahaina.ahma@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
										16	HSE TMP : Chemical Spill Response and Clean-up	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon	Upon Request (Click to Enquire)	
17	HSE TMP : Company Competent Gas Tester (CCGT)	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon												
18	HSE TMP : Emergency Response Team (ERT)	F2F (NR)	INSTEP	Coming Soon	1,200	10	20	2	Coming Soon												
19	HSE TMP : Energy Isolation	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
20	HSE TMP : Fire Watcher	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
21	HSE TMP : Fundamental of Process Safety	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon												
22	HSE TMP : Handling of Scheduled Waste	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon												
23	HSE TMP : Introduction to BowTie XP (Hands-on)	F2F (NR)	INSTEP	Coming Soon	1,900	10	20	2	Coming Soon												
24	HSE TMP : Job Hazard Analysis (JHA)	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
25	HSE TMP : Manual Handling	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
26	HSE TMP : Mercury Safety	F2F (NR)	INSTEP	Yes	800	10	20	1	Coming Soon												
27	HSE TMP : Personal Protective Equipment (PPE)	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
28	HSE TMP : RA Tools Training (BowTie, HAZID, HAZOP, P-HAZOP and PASR Application)	F2F (NR)	INSTEP	Yes	1,300	9	20	2	Coming Soon												
29	HSE TMP : Rakan HSSE	F2F (NR)	INSTEP	Coming Soon	1,300	9	20	2	Coming Soon												
30	HSE TMP : Safety and Health Committee	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												
31	HSE TMP : Safety Leadership	F2F (NR)	INSTEP	Coming Soon	800	10	20	1	Coming Soon												



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

NET UPG: Health, Safety & Environment (HSE) – HSE Training Matrix Programme

Programme Leader: Ahmad Yusuf B Hussain +609 - 668 6226 +6013 - 2390 864 yusuf.hussain@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
										1	Marine for Non Mariners	F2F (NR)	KL	Coming Soon	1,400	10	20	2	Coming Soon		27-28	
		Online	MS Teams	Coming Soon	200	10	20	2	Coming Soon					16-17							28-29	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
**LEARNING
CALENDAR
2023**

PETRONAS Group

NET UPG: General Studies

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2023											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	NET GS : English Writing Empowerment for NET	F2F (NR)	KL	Yes	2,000	10	20	3										2-4		
2	NET GS : English Writing Empowerment for NET	F2F (NR)	Johor Bahru	Yes	2,000	10	20	3								1-3				
3	NET GS : English Speaking Empowerment for NET	F2F (NR)	KL	Yes	2,000	10	20	3							3-5					
4	NET GS : English Speaking Empowerment for NET	F2F (NR)	Johor Bahru	Yes	2,000	10	20	3						19-21						





Technical Certification Solutions (TCS)

A&C: Exploration & Production (E&P) Special Project

Programme Leader: Siti Suhaili Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com										2023											
										Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr
Advanced Pigging Operation Certification Scheme (APOCS)																					
1	Advanced Pigging Operation Certification Scheme (APOCS)	F2F (NR)	INSTEP	Yes	2,555	10	15	5	Coming Soon					7-11			13-17		15-19		3-7
2	APOCS Reassessment	F2F (NR)	INSTEP	Coming Soon	1,220	5	10	2	Coming Soon	Upon Request (Click to Enquire)											
Upstream Panel Operator Certification Programme (UPOCP)																					
3	UPOCP: Control Room Operator – Emergency Response Preparedness (CRO-ERP)	F2F (NR)	INSTEP	Yes	7,220	4	6	3	Coming Soon			13-15			12-14		7-9		16-18		
		Online	MS Teams	Yes	7,220	2	4	4	Coming Soon	Upon Request (Click to Enquire)											
4	UPOCP: CRO-ERP Reassessment	F2F (NR)	INSTEP	Coming Soon	770	5	10	3	Coming Soon	Upon Request (Click to Enquire)											
5	UPOCP: Control Room Operator – Emergency Response Preparedness (CRO-ERP) Refresher	Online	MS Teams	Coming Soon	6,120	2	4	3	Coming Soon	Upon Request (Click to Enquire)											
6	UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	INSTEP	Yes	4,870	4	8	4	Coming Soon					15-18		3-6		4-7		20-23	
		Online	MS Teams	Yes	4,870	2	4	4	Coming Soon	Upon Request (Click to Enquire)											
7	UPOCP: OTS Reassessment	F2F (NR)	INSTEP	Coming Soon	2,000	2	6	4	Coming Soon	Upon Request (Click to Enquire)											
8	UPOCP: OTS Training of Trainers (TOT)	F2F (NR)	INSTEP	Yes	385	5	10	3	Coming Soon	Upon Request (Click to Enquire)											



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR
2023

PETRONAS Group

A&C: Process & Analytical (P&A) – Panel Operator Training & Certification Programme (POTCP)

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue * (May be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
										1	POTCP 01 - Distributed Control System (DCS)	F2F (NR)	INSTEP*	Yes	1,000	5	15	3	Coming Soon			7-9
2	POTCP 02 - Process Control	F2F (NR)	INSTEP*	Yes	1,000	5	15	3	Coming Soon			14-16			20-22		15-17				14-16	
3	POTCP 03 - Process Troubleshooting	F2F (NR)	KL	Yes	2,100	8	20	2	Coming Soon		15-16				7-8	12-13					15-16	
4	POTCP 04 - Plant Operation Practice	F2F (NR)	KL	Yes	2,100	8	20	2	Coming Soon			8-9			14-15		23-24		25-26			
5	POTCP 05 - Process Safety Practice	F2F (NR)	KL	Yes	2,100	8	20	2	Coming Soon			15-16		30-31		17-18		25-26			22-23	



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Process & Analytical (P&A) – Vessel Familiarisation & Shipshore Safety Checklist

Programme Leader: Siti Suhaili Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com										2023											
										Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr
1	Vessel Familiarisation & Shipshore Safety Handling	F2F (NR)	Kerteh	Yes	2,545	8	20	4	Coming Soon	Upon Request (Click to Enquire)											
2	Loading Master Training	F2F (NR)	Kerteh	Yes	1,820	10	25	3	Coming Soon												



A&C: Process & Analytical (P&A) – CePIETSO BP

Programme Leader: 1) Nor Nisha Athirah Binti Azmi +6017-959 2460 nornishaathirah.azmi@petronas.com 2) Nurul Alia Diyana Binti Alias +6016-616 9963 nurulaliadiyana.alia@petronas.com 3) Siti Suhaili Shuib +609-668 6150 / +6013-586 8208 sitihaili.shuib@petronas.com										2023											
										Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr
1	Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process) - CePIETSO BP	F2F (NR)	INSTEP	Yes	5,000	10	25	5	Coming Soon	8-12	12-16 26/2-2/3	12-16		7-11 21-25	18-22	9-13 23-27	6-10	3-7 17-21	22-26	26-30	10-14

A&C: Mechanical & Inspection (M&I) - PESITAS

Programme Leader: Suhaili Hamah Muding-Muhamad +609 - 668 6065 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1	PESITAS: ICE Driver Grade 2 & 1	F2F (NR)	KL	Yes	2,900	10	20	3	Coming Soon		6-8	6-8		23-25	13-15	24-26		12-14				
		Online	MS Teams	Yes	1,100	10	20	3	Coming Soon		20-22			23-25					3-5			
2	PESITAS: ICE Engineer Grade 2 & 1	F2F (NR)	KL	Yes	3,700	10	20	4	Coming Soon		13-16	13-16		8-11		3-6	7-10	4-7		6-9		
		Online	MS Teams	Yes	1,400	10	20	4	Coming Soon					29-1	10-13				16-19	20-23		
3	PESITAS: Preparatory for ICE Driver Grade 2 & 1 (Oral)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon			1-2										
4	PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Oral)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon	Upon Request (Click to Enquire)												
5	PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Paper B)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon								9-10					
6	PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon													
7	PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Oral)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon					24-25								
8	PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Paper B)	F2F (NR)	KL	Yes	1,400	10	20	2	Coming Soon												8-9	



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Mechanical & Inspection (M&I) - PESITAS

Programme Leader: Suhaili Hamah Muding-Muhamad +609 - 668 6065 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
9	PESITAS: Preparatory for Steam Boiler/ICE Engineer Grade 2 & 1 (Part A)	F2F (NR)	KL	Coming Soon	1,400	10	20	2	Coming Soon	Upon Request (Click to Enquire)											
10	PESITAS: Steam Boiler Driver Grade 2 & 1	F2F (NR)	KL	Yes	2,900	10	20	3	Coming Soon		6-8	6-8		9-11	13-15	24-26	1-3	19-21	24-26		
		Online	MS Teams	Yes	1,100	10	20	3	Coming Soon		13-16	7-9		29-31			8-10				
11	PESITAS: Steam Boiler Engineer Grade 2 & 1	F2F (NR)	KL	Yes	3,700	10	20	4	Coming Soon		27 /2-2/3			8-11	12-15	3-6	7-10	4-7	2-5	6-9	
		Online	MS Teams	Yes	1,400	10	20	4	Coming Soon		21-23	13-16						18-21			



A&C: Mechanical & Inspection (M&I) – PMSQP, PRBI, ICML, MIBOC, ASNT & Welder Development Programme

Programme Leader: Suhaili Hamah Muding-Muhamad +609 - 668 6065 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Plant Management System Qualified Person (PMSQP)																					
1	PMSQP: Compliance to FMA 1967 and Regulations	Online	MS Teams	Coming Soon	900	7	20	2	Coming Soon		8-9	15-16				12-13			11-12		
2	PMSQP: Compliance to Regulations Under OSHA 1994	Online	MS Teams	Coming Soon	900	7	20	2	Coming Soon		22-23			10-11			9-10		25-26		
3	PMSQP: ISO 45001:2018 Requirements	Online	MS Teams	Coming Soon	1,900	10	20	2	Coming Soon	Upon Request (Click to Enquire)											
4	PMSQP: ISO 45001:2018 Lead Auditor (IRCA & CQI Certified)	Online	MS Teams	Coming Soon	5,100	8	8	5	Coming Soon			6-10		8-12	12-16			18-22		6-10	
5	PMSQP: Plant Management System (PMS)	F2F (NR)	KL	Coming Soon	4,300	8	20	4	Coming Soon					22-25			7-10			20-23	
		Online	MS Teams	Coming Soon	1,600	8	15	4	Coming Soon					19-22			21-24				
6	PMSQP: Governance Competency Assessment	Online	MS Teams	Coming Soon	400	5	20	1	Coming Soon		28				15			21			
7	PMSQP: PV and Piping Inspection	F2F (NR)	KL	Coming Soon	3,500	8	15	3	Coming Soon					8-9		25-27			19-21		
8	PMSQP: Non-destructive Testing	F2F (NR)	KL	Coming Soon	2,700	8	15	2	Coming Soon					22-23			7-8			6-7	
9	PMSQP: Risk Based Inspection	F2F (NR)	KL	Coming Soon	2,700	8	15	2	Coming Soon						7-8	26-27		6-7			
10	PMSQP: Hoisting & Lifting Equipment Inspection	F2F (NR)	KL	Coming Soon	2,700	8	15	2	Coming Soon		15-16				14-15				30-31		
11	PMSQP: Safe System of Works (SSOW) Part 1	F2F (NR)	KL	Coming Soon	2,700	8	15	2	Coming Soon					30-31				4-5			
12	PMSQP: Safe System of Works (SSOW) Part 2	F2F (NR)	KL	Coming Soon	3,500	8	15	3	Coming Soon		13-14					5-6					
13	Process Safety Management	F2F (NR)	KL	Coming Soon	2,700	8	15	2	Coming Soon			1-2					28-29				
14	Process Safety Risk Assessment	F2F (NR)	KL	Coming Soon	3,500	8	15	3	Coming Soon			7-8				19-20					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Mechanical & Inspection (M&I) – PMSQP, PRBI, ICML, MIBOC, ASNT & Welder Development Programme

Programme Leader: Suhaili Hamah Muding-Muhamad +609 - 668 6065 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023														
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
PETRONAS Risk Based Inspection (PRBI)																								
1	PRBI User Certification Programme	F2F (NR)	KL	Coming Soon	2,300	10	15	2	Coming Soon					10-11			23-24							
2	PRBI User Certification Programme Reassessment	F2F (NR)	KL	Yes	1,500	10	15	1	Coming Soon	Upon Request (Click to Enquire)														
International Council for Machinery Lubrication (ICML)																								
1	ICML Machine Lubricant Analyst (MLA) Certification - Level I	F2F (NR)	KL	Yes	6,600	10	15	4	Coming Soon					29/5-1/6										
2	ICML Machine Lubricant Analyst (MLA) Certification - Level II	F2F (NR)	KL	Yes	6,800	10	15	4	Coming Soon								22-25							
3	ICML Machine Lubricant Analyst (MLA) Certification - Level III	F2F (NR)	KL	Yes	6,800	10	15	4	Coming Soon										23-26					
Mobius Institute Board Of Certification (MIBOC)																								
1	Vibration Certification Programme Entry - CAT I	F2F (NR)	KL	Coming Soon	10,300	8	15	4	Coming Soon			13-16												
2	Vibration Certification Programme Intermediate - CAT II	F2F (NR)	KL	Yes	11,700	8	15	5	Coming Soon				8-12											
3	Vibration Certification Program Advanced - CAT III	F2F (NR)	KL	Coming Soon	12,200	8	15	5	Coming Soon								11-15							
American Society For Non-Destructive Testing (ASNT)																								
1	SNT-TC-1A Ultrasonic Testing (UT) Certification - Level I	F2F (NR)	KL	Yes	3,800	8	15	5	Coming Soon							24-28								
Welder Development Program																								
1	ASNT: Level II Visual Testing (Welding) Certification	F2F (NR)	INSTEP	Coming Soon	5,300	5	10	5	Coming Soon					15-19			14-18							
2	Welder Training: 3G SMAW	F2F (NR)	INSTEP	Coming Soon	3,500	5	10	6	Coming Soon							24-29		18-23						

A&C: Electrical – IECEX Competency Training Programme & Assessment

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue * (May be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1	IECEX Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	4,100	5	10	2	Coming Soon							16-18						
2	IECEX Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	5,400	5	10	4	Coming Soon										16-19			
3	IECEX Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	6,000	5	10	4	Coming Soon						12-15	28-31						
4	IECEX Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	6,400	5	10	5	Coming Soon							20-24			29/10-2/11			
5	IECEX Unit Ex001, Ex004, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Coming Soon	6,400	5	10	5	Coming Soon												19-23	
6	IECEX Unit Ex001 & Ex009 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	8,900	5	10	4	Coming Soon										9-12			
7	IECEX Refresher (Exclude Examination)	F2F (NR)	INSTEP*	Coming Soon	500	5	10	3	Coming Soon	Upon Request (Click to Enquire)												





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Electrical – Chargeman Programme

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue * (May be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A0 Chargeman	F2F (NR)	INSTEP*	Yes	10,700	7	20	80	Coming Soon		12/2-1/6			18/6-12/10							
2	A4 Chargeman	F2F (NR)	INSTEP*	Yes	9,200	7	20	100	Coming Soon		5/3-3/8			20/8/2023–11/1/2024							
3	B0 Chargeman	F2F (NR)	INSTEP*	Yes	16,200	6	20	100	Coming Soon		19/3-17/8/2023										
4	B4 Chargeman	F2F (NR)	INSTEP*	Yes	19,400	5	20	100	Coming Soon							3/9/2023-25/1/2024					
5	Low Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	2,500	4	20	10	Coming Soon		26/2-9/3										
6	High Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	3,100	4	20	13	Coming Soon					23/7-10/8							
7	Low Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	1,600	N/A		10	Coming Soon	Upon Request (Click to Enquire)											
8	High Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	1,500	N/A		10	Coming Soon												
9	Refresher & Referral Examination	F2F (NR)	INSTEP*	Coming Soon	600	N/A		5	Coming Soon												
10	Referral Examination	F2F (NR)	INSTEP*	Coming Soon	200	N/A		1	Coming Soon												



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Instrumentation

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue * (May be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1	Certified Personnel for Metering Validation And Calibration Competency Programme	F2F (NR)	INSTEP*	Yes	1,500	4	8	5	Coming Soon						18-22		20-24		22-26			
2	Instrument Fitter	F2F (NR)	INSTEP*	Yes	1,300	4	8	4	Coming Soon								18-21					





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Health, Safety & Environment (HSE) – Authorised Entrant and Standby Person for Confined Space (AESP)

Programme Leader: Suhaili Hamah Muding-Muhamad +609 - 668 6065 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	Authorized Entrant and Standby Person for Confined Space (AESP)	F2F (NR)	INSTEP	Coming Soon	1,600	10	15	2	Coming Soon					24-25			21-22		2-3		
2	Authorized Entrant and Standby Person for Confined Space – Refresher	F2F (NR)	INSTEP	Coming Soon	900	10	15	1	Coming Soon	Upon Request (Click to Enquire)											
3	Confined Space Rescuer (CSR)	F2F (NR)	INSTEP	Yes	1,400	10	15	2	Coming Soon						20-21			19-20			
4	OPITO: Basic H2S Training	F2F (NR)	INSTEP	Coming Soon	1,000	10	16	1	Coming Soon						14		10		26	13	





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Health, Safety & Environment (HSE) - CePSWaM

Programme Leader: 1) Nor Nisha Athirah Binti Azmi +6017-959 2460 nornishaathirah.azmi@petronas.com 2) Nurul Alia Diyana Binti Alias +6016-616 9963 nurulaliadiyana.alia@petronas.com 3) Siti Suhaili Shuib +609-668 6150 / +6013-586 8208 sitisuhaili.shuib@petronas.com		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023														
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	Certified Environmental Professional in Scheduled Waste Management (CePSWaM)	F2F (NR)	INSTEP	Yes	3,750	10	25	5	Coming Soon					7-11			13-17		1-5					
		F2F (NR)	KL	Yes	3,750	10	25	5	Coming Soon	9-13		13-17			12-16	24-28		11-15	16-20	27/11-1/12				
		F2F (NR)	Selangor	Yes	3,750	10	25	5	Coming Soon		20-24			15-19			21-25							
		F2F (NR)	Johor Bahru	Yes	3,750	10	25	5	Coming Soon						18-22	2-7		17-21	22-26					
		F2F (NR)	Kuantan	Yes	3,750	10	25	5	Coming Soon							10-14								
		F2F (NR)	Pulau Pinang	Yes	3,750	10	25	5	Coming Soon		6-10			22-26			7-11							4-8
		F2F (NR)	Kota Kinabalu	Yes	3,750	10	25	5	Coming Soon							31/7-4/8			30/10-3/11					
		F2F (NR)	Miri	Yes	3,750	10	25	5	Coming Soon			6-10												11-15
		F2F (NR)	Kuching	Yes	3,750	10	25	5	Coming Soon						19-23									





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

A&C: Health, Safety & Environment (HSE) – PCSB Permit to Work (PTW) Level 3

Programme Leader: Nurul Nadia Mohamad Sabry 09-6686000 0195226554 nurulnadia.mohamads@petronas.com										2023													
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
1	PCSB Permit to Work (PTW) Level 3	3	F2F (NR)	Kerteh	Yes	1,370	15	25	3	Coming Soon		14-16		17-19	23-25	12-14		7-9	24-26	23-25	6-8		
			F2F (NR)	Miri	Yes	1,370	15	25	3	Coming Soon			21-23	11-13		12-14	10-12	21-23		9-11	20-22		
			F2F (NR)	Kota Kinabalu	Yes	1,370	15	25	3	Coming Soon			14-16		17-19		24-26		11-13				11-13
		3	Online	MS Teams	Yes	700	20	25	3	Coming Soon	9-11 24-26	31/1-2/2 7-9 21-23	6-8 27-29	3-5	8-10 8-10 29-31	6-8 19-21	3-5 16-18	1-3 15-17	4-6 18-20	2-4 16-18	30/10-1/11 13-15	4-6 18-20	



A&C: PECAS – Training Programme

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	PECAS Training for Candidate	F2F (NR)	INSTEP	Yes	500	5	18	2	Coming Soon	Upon Request (Click to Enquire)											
		F2F (NR)	KL	Yes	1,400	15	18	2	Coming Soon												
2	e-PECAS Training	F2F (NR)	INSTEP	Yes	300	5	15	1	Coming Soon	Upon Request (Click to Enquire)											
		F2F (NR)	KL	Yes	700	15	18	1	Coming Soon												
3	PECAS Training	F2F (NR)	INSTEP	Yes	400	5	18	2	Coming Soon							5-6					
		F2F (NR)	KL	Yes	1,400	15	15	2	Coming Soon		8-9 22-23	7-8		9-10 24-25	6-7 21-22	26-27	8-9 16-17	6-7 12-13	10-11 18-19	8-9 21-22	12-13
4	PECAS Refresher Training	F2F (NR)	INSTEP	Yes	300	5	20	1	Coming Soon	Upon Request (Click to Enquire)											
		F2F (NR)	KL	Yes	700	15	20	1	Coming Soon												
5	Competency Programme for PECAS Assessor - CoPA (Briefing + Interview)	F2F (NR)	INSTEP	Yes	400	4	15	2	Coming Soon			15-16									
		F2F (NR)	KL	Yes	3,400	8	20	2	Coming Soon						13-14			20-21		28-29	



A&C: PECAS – Training Programme

Programme Leader: M Faizzudin Bin Ahmad Azhar +609 - 668 6120 +6014 - 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
6	Competency Programme for PECAS Assessor - CoPA (Briefing)	F2F (NR)	INSTEP	Coming Soon	300	4	20	1	Coming Soon	Upon Request (Click to Enquire)											
		F2F (NR)	KL	Coming Soon	1,300	8	15	1	Coming Soon												
7	Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	INSTEP	Coming Soon	300	4	8	1	Coming Soon												
		F2F (NR)	KL	Coming Soon	2,100	8	8	1	Coming Soon												



Others: PETRONAS Assurance Delivery Excellence (PADEX)

Programme Leader: Abd Rahman Ramli +60132366304 abdrahman.ramli@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1	PETRONAS Assurance Delivery Excellence (PADEX)- INTERIM UPSKILLING	Online	MS Teams	Coming Soon	FOC	20	30	1	Coming Soon	31	9 16	2 9 16										

Notes:

- PADEX Interim Upskilling is open for Assurance Team (i.e., Assessor, Lead Assessor & Team Leader) of First Line Management System and Second Line Assurance Programs with the following criteria:
 - Newly appointed Assurance Team
 - Yet to attend nor qualified of any PADEX training
- This course is Free of Charge (FOC). Organizer will verify all participation request in MyLearningX prior to sending confirmed invite & joining instruction to successful participants





HSE & Sustainability Solutions (HSESS)

Generative HSE Culture Programme

Programme Leader: Abd Rahman Ramli +60132366304 abdrahman.raml@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	Generative HSE Culture for Top Leaders for SR	F2F	KL	Coming Soon	2,800	10	25	2	Coming Soon						21-22				18-19		
		Online	MS Teams	Coming Soon	1,200	10	25	2	Coming Soon	Upon Request (Click to Enquire)											
2	Generative HSE Culture for Top Leaders for Non-SR	F2F	KL	Coming Soon	2,800	10	25	2	Coming Soon									20-21			
		Online	MS Teams	Coming Soon	1,200	10	25	2	Coming Soon	Upon Request (Click to Enquire)											
3	Generative HSE Culture for Middle Managers for SR	F2F	KL	Coming Soon	2,300	15	25	2	Coming Soon		20-21	13-14				3-4	7-8	11-12	9-10	6-7	
		Online	MS Teams	Coming Soon	1,200	10	25	2	Coming Soon	Upon Request (Click to Enquire)											
4	Generative HSE Culture for Middle Managers for Non-SR	F2F	KL	Coming Soon	2,300	15	25	2	Coming Soon					15-16		5-6		13-14		8-9	
		Online	MS Teams	Coming Soon	1,200	10	25	2	Coming Soon	Upon Request (Click to Enquire)											
5	Generative HSE Culture for Frontliners (Rakan HSE) for SR	F2F	KL	Coming Soon	1,800	15	25	2	Coming Soon		22-23	15-16			7-8	10-11	14-15	18-19	11-12	1-2	
		Online	MS Teams	Coming Soon	700	8	25	2	Coming Soon	Upon Request (Click to Enquire)											
6	Generative HSE Culture for Frontliners (Rakan HSE) for Non-SR	F2F	KL	Coming Soon	1,800	15	25	2	Coming Soon					17-18	19-20		9-10		16-17		
		Online	MS Teams	Coming Soon	700	8	25	2	Coming Soon	Upon Request (Click to Enquire)											
7	Coaches for Generative HSE Culture (for Top Leaders and Middle Managers)	Online	MS Teams	Coming Soon	3,600	1	25	2	Coming Soon	Upon Request (Click to Enquire)											
8	Train the Trainer (TTT) Rakan HSE Facilitator	F2F	KL	Coming soon	1,600	20	25	2	Coming Soon	Upon Request (Click to Enquire)											



INSTITUT TEKNOLOGI PETROLEUM PETRONAS
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PETRONAS Group

Mind-A-Care

Programme Leader: Siti Suhaili Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	MIND-A-CARE Facilitator	F2F (NR)	INSTEP	Coming Soon	3,277	15	20	3	Coming Soon	Upon Request (Click to Enquire)											
2	MIND-A-CARE Ambassador	F2F (NR)	KL	Coming Soon	1,850	15	25	2	Coming Soon			14-15 (2 sessions)			21-22 (2 sessions)			20-21 (2 sessions)			15-16 (2 sessions)
3	MIND-A-CARE TTT	F2F (NR)	INSTEP	Coming Soon	1,110	10	15	1	Coming Soon	Upon Request (Click to Enquire)											





INSTITUT TEKNOLOGI PETROLEUM PETRONAS
LEARNING CALENDAR 2023

PETRONAS Group

CSR Compact HSE Awareness

Programme Leader: Siti Aishah Aina Binti Ahmad Shafri +6011-1927 7019 sitiaishahaina.ahma@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2023												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
											1	CSR Compact HSE Awareness	2	F2F (NR)	KL	Coming Soon	2,400	10	20	2	Coming Soon		14-15



Awards & Recognitions



RoSPA HEALTH & SAFETY AWARDS 2020, 2021 & 2022 Gold Award



BTEC INTERNATIONAL INSTITUTION OF THE YEAR 2021 Silver Award



PRIME MINISTER'S HIBISCUS AWARD (PMHA) 2019/2020 Notable Achievement Award in Environmental Performance



GLOBAL GETENERGY AWARD 2019 Localisation Award



OUTSTANDING PEARSON LEARNER AWARD 2016, 2017, 2018 & 2019



MALAYSIAN SOCIETY FOR OCCUPATIONAL SAFETY & HEALTH GOLD CLASS 1 AWARD 2017, 2018 & 2019



HUMAN RESOURCES DEVELOPMENT AWARDS 2017 Data Analytics Category



GLOBAL GETENERGY AWARD 2016 Education & Training Provider of The Year



PEARSON BTEC OUTSTANDING AWARD 2016

Accreditations & Certification



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