

Learning Calendar 2022

PETRONAS Group Edition

Rev1 | Dec21

Start Your Technical Learning Journey Here

Your Preferred Technical Learning Solutions Partner

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

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

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

Virtual Instructor-Led Training (VILT)

The new norm of learning

Blending the best of **interactive live** classroom training, the **convenient** and **cost-effective** virtual engagement with learners in online and offline activities from anywhere across the world

Experiential Learning

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

Innovative Technology Testing and Deployment

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 deployment**

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

VILT : Virtual Instructor-Led Training



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Skill Group (SKG)



SKG09: Geoscience

Programme Leader: M Hafiz Khairudin +609-668 6102 +6017-582 8368 mhafiz.khairudin@petronas.com.my									2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG09 : Integrated Module, L1	1	F2F (NR/R)	KL & Miri	10,080	7	15	12						13-24						
2	SKG09 : Basic Quantitative Interpretation, L2	2	F2F (NR)	KL	2,350	7	15	3			2-4									
3	SKG09 : Principle of Seismology, L2	2	F2F (NR)	KL	3,760	5	15	5			7-11									
Exploration Geoscience																				
4	SKG09 : Basin Analysis, L2	2	F2F (NR)	KL	3,990	6	15	5									5-9			
5	SKG09 : Geological Operations, L2	2	F2F (NR)	Putrajaya	6,350	6	15	5										14-18		
6	SKG 09 : Petroleum Economic for Exploration, L2	2	F2F (NR)	Putrajaya	5,880	8	15	5									19-23			
7	SKG09 : Seismic Interpretation and Mapping, L2	2	F2F (NR)	KL	3,790	6	15	5								1-5				
8	SKG09 : Sequence Stratigraphy, L2	2	F2F (NR)	KL	3,630	6	15	5			14-18									
9	SKG09 : Basin Analysis, L3	3	F2F (NR)	KL	4,380	5	15	5										3-7		
10	SKG09 : Integrated Seismic Interpretation and Mapping, L3	3	F2F (NR)	KL	19,890	15	15	6			21-26									
11	SKG09 : Seismic and Sequence Stratigraphy, L3	3	F2F (R)	Labuan & Kota Kinabalu	15,360	12	15	12												5-16
Reservoir Geoscience																				
12	SKG09 : Applied Sedimentary Petrology, L2	2	F2F (NR)	KL	2,290	5	15	4								8-11				
13	SKG09 : Integrated Reservoir Modeling School (IRMS), L2	2	F2F (NR)	KL	2,400	8	15	7								15-19				
14	SKG09 : Reservoir Mapping and Hydrocarbon Resource Assessment, L2	2	F2F (NR)	KL	5,000	6	15	8										12-21		
15	SKG09 : Sedimentology, L2	2	F2F (NR/R)	KL & Pekan, Pahang	8,000	10	15	12					23/5-3/6							
16	SKG09 : Structural Geology, L2	2	F2F (NR/R)	KL & Tanjung Balau, Johor	6,820	7	15	5						28/6-7/7						

SKG09: Geoscience

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Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
							Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
3	F2F (NR)	KL	3,180	7	15	5					23-27							
3	F2F (NR)	KL	3,120	5	15	4									12-15			
3	F2F (NR)	KL	2,660	8	15	7						27/6-4/7						
3	F2F (NR)	KL	5,910	8	15	10										31/10-11/11		
3	F2F (R)	Bintulu, Miri & Kota Kinabalu	18,650	14	15	12											21/11-2/12	
2	F2F (NR)	KL	3,360	6	15	5					30/5-3/6							
2	F2F (NR)	KL	2,340	5	15	3							25-27					
2	F2F (NR)	KL	2,610	5	15	3								22-24				
2	F2F (NR)	KL	3,320	5	15	5									26-30			
3	F2F (NR)	KL	3,360	6	15	5							18-22					
3	F2F (NR)	KL	21,230	4	15	5			21-25									

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Common																				
1	SKG10 : E&P Core Programme, L1	1	F2F (R)	KL	12,830	10	20	12										17 - 28		
Petrophysics																				
2	SKG10 : Basic Clastic Petrophysical Analysis, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3	Upon Request (Click to Enquire)											
3	SKG10 : Basic Rock Physics, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	5												
4	SKG10 : Cased Hole Log Interpretation, L2	2	F2F (NR)	Kemaman	4,780	8	20	5										14 - 18		
5	SKG10 : Complex Lithology Interpretation, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	4	Upon Request (Click to Enquire)											
6	SKG10 : Fundamental of Petrophysics, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	5			7 - 11									
7	SKG10 : Geology For Non-Geologist, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	4							18 - 21					
8	SKG10 : Image Log Analysis and Fractured Reservoir Evaluation, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	5	Upon Request (Click to Enquire)											
9	SKG10 : LWD Principles & Application, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	4								15 - 18				
10	SKG10 : Integrated Reservoir Petrophysics, L3 (VILT)	3	VILT	MS Teams	2,400	5	20	10	Upon Request (Click to Enquire)											
Petroleum Economics																				
11	SKG10 : Advanced App. Of Economic Modeling, L2 (VILT)	2	VILT	MS Teams	1,590	5	20	5	Upon Request (Click to Enquire)											
12	SKG10 : Petroleum Contract, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3												
13	SKG10 : Petroleum Economics System Appreciation, L2	2	F2F (NR)	KL	2,100	8	20	3										17 - 19		
14	SKG10 : Practices of Petroleum Economics I, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3		15 - 17										
15	SKG10 : Risk and Uncertainty in Petroleum Valuation, L3 (VILT)	3	VILT	MS Teams	1,700	5	20	6	Upon Request (Click to Enquire)											

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Production Technology																				
16	SKG10 : Contaminants Identification & Treatment, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3	Upon Request (Click to Enquire).											
17	SKG10 : Fluid Sampling, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3						14 - 16						
18	SKG10 : Formation Damage & Matrix Treatment Technology, L2 (VILT)	2	VILT	MS Teams	2,050	5	20	10									19 - 30			
19	SKG10 : Production Analysis in Flow System, L2 (VILT)	2	VILT	MS Teams	1,740	5	20	5									5 - 9			
20	SKG10 : Production Chemistry, L2 (VILT)	2	VILT	MS Teams	2,180	5	20	5										10 - 14		
21	SKG10 : Production Enhancement I, L2 (VILT)	2	VILT	MS Teams	1,520	5	20	5								18-22				
22	SKG10 : Production Geochemistry, L2 (VILT)	2	VILT	MS Teams	1,420	5	20	2	Upon Request (Click to Enquire).											
23	SKG10 : Sand Management & Control, L2	2	F2F (NR)	Kemaman	6,300	8	20	5												
24	SKG10 : Water Injection Management, L2 (VILT)	2	VILT	MS Teams	1,960	5	20	5												
25	SKG10 : Well Completion Design I, L2	2	F2F (NR)	Kemaman	5,860	5	20	5								22 - 26				
26	SKG10 : Advanced ESP and PCP Design & Operations, L3	3	F2F (NR)	Johor Bahru/KL	8,990	8	20	5	Upon Request (Click to Enquire).											
27	SKG10 : Advanced Gas Lift & Field Modelling, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5										31/10 - 4/11		
28	SKG10 : Advanced Hydraulic Fracturing, L3 (VILT)	3	VILT	MS Teams	1,520	5	20	5	Upon Request (Click to Enquire).											
29	SKG10 : Advanced Scale & Corrosion Management, L3 (VILT)	3	VILT	MS Teams	1,740	5	20	5												
30	SKG10 : Production Enhancement II, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5												
31	SKG10 : Well Completion Design II, L3 (VILT)	3	VILT	MS Teams	1,520	5	20	5											21 - 25	

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022													
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
Reservoir Engineering																						
32	SKG10 : EOR, L2	2	F2F (R)	Putrajaya	3,110	8	20	3										10 - 12				
33	SKG10 : Petroleum Fluid Analysis, L2 (VILT)	2	VILT	MS Teams	1,870	5	20	4	Upon Request (Click to Enquire)													
34	SKG10 : Practical of Well Testing, L2 (VILT)	2	VILT	MS Teams	1,960	5	20	5														
35	SKG10 : Practices of Reservoir Engineering, L2 (VILT)	2	VILT	MS Teams	3,360	10	20	9								8 - 18		17 - 27				
36	SKG10 : RE for Non-RE, L2 (VILT)	2	VILT	MS Teams	1,430	5	20	3							25 - 27							
37	SKG10 : Reservoir Management & Surveillance, L2	2	F2F (NR)	KL	3,220	10	20	5									26 - 30		28/11 - 2/12			
38	SKG10 : Rock Properties, L2 (VILT)	2	VILT	MS Teams	1,790	5	20	5	Upon Request (Click to Enquire)													
39	SKG10 : Complex Fluid, L3 (VILT)	3	VILT	MS Teams	1,610	5	20	3														
40	SKG10 : Gas Reservoir Engineering, L3 (VILT)	3	VILT	MS Teams	2,400	5	20	5											14 - 18			
41	SKG10 : Integrated Field Development Planning, L3 (VILT)	3	VILT	MS Teams	1,960	5	20	5	Upon Request (Click to Enquire)													
42	SKG10 : Reservoir Characterisation & Simulation, L3 (VILT)	3	VILT	MS Teams	2,140	5	20	5														
43	SKG10 : Secondary Recovery Process, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5										19-23				

SKG11: Civil & Pipeline Engineering

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									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG11 : CS1-1 Soil Investigation, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1		9										
2	SKG11 : CS1-2 Project Feasibility Study, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1		10										
3	SKG11 : CS1-3 Foundation Design, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1		16										
4	SKG11 : CS1-4 Welding and Material Technology, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1		17										
5	SKG11 : CS1-6 Pipeline Engineering, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1			3									
6	SKG11 : CS1-7 Construction Technology, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1			10									
7	SKG11 : CS1-8 Inspection & Maintenance, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1			17									
8	SKG11 : CS1-9 Metocean (VILT)	1	VILT	MS Teams	1,250	5	15	1			2									
9	SKG11 : CS1-10 Basic Training for Excavation Works Supervision (VILT)	1	VILT	MS Teams	1,540	5	15	2		21 - 22	30 - 31			13 - 14	13 - 14		13 - 14		1 - 2	1 - 2
10	SKG11 : CS1-11 Structure Design - Offshore, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1					19							
11	SKG11 : CS1-12 Structure Integrity - Offshore, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1						20						
12	SKG11 : CS1-13 Structure Design - Onshore, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1						21						
13	SKG11 : CS1-14 Structure Integrity - Onshore, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1						22						
14	SKG11 : CS1-15 Floating Structure, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1						23						
15	SKG11 : CS2-1 Soil Investigation, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2						27 - 28						
16	SKG11 : CS2-2 Project Feasibility Study, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2						29 - 30						
17	SKG11 : CS2-3 Structure Design - Offshore, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							6 - 7					
18	SKG11 : CS2-4 Structure Integrity - Offshore, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							20 - 21					
19	SKG11 : CS2-5 Structure Design Onshore, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							25 - 26					
20	SKG11 : CS2-6 Structure Integrity Onshore, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							27 - 28					

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

SKG11: Civil & Pipeline Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-668 6289 +6019-341 7612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
21	SKG11 : CS2-7 Welding and Material Technology, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2								22-23				
22	SKG11 : CS2-8 Construction Technology, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2								24 - 25				
23	SKG11 : CS2-9 Foundation Design, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2								29 - 30				
24	SKG11 : CS2-10 Inspection & Maintenance, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2				28 - 29								
25	SKG11 : CS3-1 Infrastructure Design Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2										3 - 4		
26	SKG11 : CS3-2 Structural Design Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2										5 - 6		
27	SKG11 : CS3-3 Foundation Design Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2										12 - 13		
28	SKG11 : CS3-4 Construction Technology Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2										17 - 18		
29	SKG11 : CS3-5 Inspection & Maintenance Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2										24 - 25		
30	SKG11 : PL1-1 Theory of Pipeline and Codes & Standards L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1			8									
31	SKG11 : PL1-2 Pipeline & Riser Design, L1 (VILT)	1	VILT	MS Teams	1,250	5	15	1			15									
32	SKG11 : PL1-3 Pipeline Integrity Core Technology, L1 (VILT)	1	VILT	MS Teams	2,080	5	15	3									27 - 29			
33	SKG11 : PL2-1 Mechanical Design, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2				8 - 9								
34	SKG11 : PL2-2 Stress Design & Installation, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2				15 - 16								
35	SKG11 : PL2-3 Line Pipe, Flexible and Corrosion Resistance Materials, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							13 - 14					
36	SKG11 : PL2-4 Pipeline Construction & Pre-commissioning, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							4 - 5					
37	SKG11 : PL2-5 Flow Assurance, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2				23 - 24								
38	SKG11 : PL2-6 Riser Engineering, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2							18 - 19					

SKG11: Civil & Pipeline Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-668 6289 +6019-341 7612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
39	SKG11 : PL2-7 Onshore Pipeline Design, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2			21-22									
40	SKG11 : PL2-8 Pipeline Integrity Core Technology, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	3		22 - 24										
41	SKG11 : PL2-10 Pipeline Coating & Lining, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2					25 - 26							
42	SKG11 : PL2-11 Cathodic Protection Design, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2					23 - 24							
43	SKG11 : PL2-12 Pipeline Life Extension, L2 (VILT)	2	VILT	MS Teams	1,540	5	15	2					30 - 31							
44	SKG11 : PL3-1 HP/HT Pipeline & Risers, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2								3 - 4				
45	SKG11 : PL3-2 Deep & Ultradeep Pipeline & Riser, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2								8 - 9				
46	SKG11 : PL3-3 Advanced Engineering Analysis, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2								10 -11				
47	SKG11 : PL3-4 Geo- Hazards & ROW Design, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2								15 -16				
48	SKG11 : PL3-5 Advanced Pipeline & Riser Material, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2								17 - 18				
49	SKG11 : PL3-6 Advanced Pipeline Repair, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2						1 - 2						
50	SKG11 : PL3-7 Arctic Pipelines, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2									5 - 6			
51	SKG11 : PL3-8 Advanced Risk Based Inspection, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2						8 - 9						
52	SKG11 : PL3-9 Advanced Fitness for Service Assessments, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2						15 - 16						
53	SKG11 : PL3-10 Deepwater Pipeline/ Riser Inspection, Maintenance & Repair, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2						13 -14						
54	SKG11 : PL3-11 Deepwater & Flexible Pipeline/ Riser Design, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2									7 - 8			
55	SKG11 : PL3-12 Limit State Design - Onshore, L3 (VILT)	3	VILT	MS Teams	1,540	5	15	2									12 - 13			

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.1 Rotating Equipment																				
1	SKG12.1 : HSEMS & MCF, L1	1	F2F (NR)	KL	2,650	8	20	2							18-19					
2	SKG12.1 : Condition Monitoring of Rotating Equipment, L2	2	F2F (NR)	KL	3,290	8	20	3			14-16									
3	SKG12.1 : DOMI of Compressors & Blowers, L2 (VILT)	2	VILT	MS Teams	2,270	10	15	3		21-23										
4	SKG12.1 : DOMI of Gas Turbines, L2 (VILT)	2	VILT	MS Teams	2,270	10	15	3			7-9									
5	SKG12.1 : DOMI of ICE, Steam Turbines and Turbo Expander, L2 (VILT)	2	VILT	MS Teams	2,920	10	15	4						13-16						
6	SKG12.1 : DOMI of Pumps, L2 (VILT)	2	VILT	MS Teams	2,270	10	15	3							4-6					
7	SKG12.1 : Machinery Control, Monitoring & Protection, L2	2	F2F (NR)	KL	2,650	10	20	2						20-21						
8	SKG12.1 : Machinery Vibration Analysis, L2	2	F2F (NR)	KL	4,150	10	20	4					16-19							
9	SKG12.1 : Operational Performance, L2	2	F2F (NR)	KL	4,540	8	20	4								22-25				
10	SKG12.1 : Driven Equipment Workshop, L3	3	F2F (NR)	KL	4,150	10	20	4									12-15			
11	SKG12.1 : Driver Equipment Workshop, L3	3	F2F (NR)	KL	4,150	10	20	4											7-10	
12	SKG12.1 : Intro of New Technology; Subsea & New Equipment Design, L3	3	F2F (NR)	KL	3,330	10	20	2												5-6
SKG12.2 Static Fired/Unfired/Piping																				
13	SKG12.2 : DOMI of Static Equipment, L1 (VILT)	1	VILT	MS Teams	2,890	10	15	4		21-24										
14	SKG12.2 : Introduction to Piping System, L1 (VILT)	1	VILT	MS Teams	2,170	8	15	2						8-9						
15	SKG12.2 : Basic Design & Fabrication of Static (Unfired), L2	2	F2F (NR)	KL	4,150	10	20	4									12-15			
16	SKG12.2 : DOMI of Heat Exchanger, L2	2	F2F (NR)	KL	4,150	10	20	4								22-25				
17	SKG12.2 : DOMI of Piping System and Valves, L2	2	F2F (NR)	KL	4,150	10	20	4											7-10	
18	SKG12.2 : DOMI of Static (Fired) Equipment, L2	2	F2F (NR)	KL	4,150	10	20	4						27-30						
19	SKG12.2 : Lifting Equipment, L2	2	F2F (NR)	KL	3,600	10	20	3							18-20					
20	SKG12.2 : Mechanical Equipment Maintenance, L2	2	F2F (NR)	KL	2,940	8	20	2										10-11		

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my									2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.2 Static Fired/Unfired/Piping																				
21	SKG12.2 : API 510 Pressure Vessel Inspection, L3 (VILT)	3	VILT	IPVideoTalk	8,010	5	15	5											7-11	
22	SKG12.2 : API 570 Piping Inspection, L3 (VILT)	3	VILT	IPVideoTalk	8,010	5	15	5						27/6 - 1/7						
23	SKG12.2 : API 653 Tank Inspection, Repair, Alteration & Construction, L3 (VILT)	3	VILT	IPVideoTalk	8,010	5	15	5												5-9
24	SKG12.2 : ASME I Power Boiler, L3 (VILT)	3	VILT	IPVideoTalk	7,080	3	15	3					18-20							
25	SKG12.2 : ASME VIII Div.1 & 2, L3 (VILT)	3	VILT	IPVideoTalk	8,010	3	15	5									19-23			
26	SKG12.2 : Asset Life Assessment, L3	3	F2F (NR)	KL	4,150	10	20	4									26-29			
27	SKG12.2 : B31.3 Process Piping, L3 (VILT)	3	VILT	IPVideoTalk	8,010	5	15	5								1-5				
28	SKG12.2 : Boiler and Steam Technology, L3	3	F2F (NR)	KL	3,990	10	20	3					16-18							
29	SKG12.2 : Stress and Thermal Analysis, L3	3	F2F (NR)	KL	3,330	8	20	2											1-2	
SKG12.3 Reliability																				
30	SKG12.3 : Benchmarking, L2	2	F2F (NR)	KL	3,390	10	20	3								22-24				
31	SKG12.3 : Data Acquisition, Validation & Decision Analysis, L2	2	F2F (NR)	KL	4,540	10	20	4							18-21					
32	SKG12.3 : Dependability, L2 (VILT)	2	VILT	MS Teams	3,230	10	15	4			7-10									
33	SKG12.3 : Equipment Reliability Strategy Part 1, L2	2	F2F (NR)	KL	3,660	10	20	3								1-3				
34	SKG12.3 : Equipment Reliability Strategy Part 2, L2	2	F2F (NR)	KL	3,660	10	20	3											7-9	
35	SKG12.3 : Predictive Maintenance Technique Part 1, L2	2	F2F (NR)	KL	2,710	10	20	2									19-20			
37	SKG12.3 : Predictive Maintenance Technique Part 2, L2	2	F2F (NR)	KL	3,660	10	20	3												5-7
38	SKG12.3 : Reliability and Maintainability Engineering Part 1, L2	2	F2F (NR)	KL	4,700	10	20	4							8-11					
39	SKG12.3 : Root Cause Failure Analysis, L2	2	F2F (NR)	KL	3,700	10	20	3						20-22				10-12		
40	SKG12.3 : Asset Life Cycle Cost, L3	3	F2F (NR)	KL	4,700	10	20	4					16-19							

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my					Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
Jan	Feb	Mac	Apr	May								June	July	Aug	Sept	Oct	Nov	Dec					
SKG12.5 Subsea																							
41	SKG12.5 : Subsea Operational Performance Maintenance & Sparing, L2				2	F2F (NR)	KL	2,980	10	20	3						20-22						
42	SKG12.5 : Subsea Xmas Tree and Wellhead, L2				2	F2F (NR)	KL	2,980	10	20	3								5-7				
43	SKG12.5 : Intervention of Subsea Equipment, L3				3	F2F (NR)	KL	2,980	10	20	3												5-7
SKG12.6 R&D Mechatronics																							
44	SKG12.6 : Professional Drone Operator				N/A	F2F (NR)	INSTEP*	6,110	6	12	3						13-15						

SKG13: Electrical Engineering

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-668 6289 +6019-341 7612 mbadiuzzaman.rusli@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG13 : Distribution Equipment (VILT)	1	VILT	MS Teams	2,070	5	15	3		8 - 10						9 - 11				
2	SKG13 : Electric Motor and Drive (VILT)	1	VILT	MS Teams	2,070	5	15	3		22 - 24						23 - 25				
3	SKG13 : EMC, LPS and Earthing (VILT)	1	VILT	MS Teams	2,070	5	15	3			8 - 10						6 - 8			
4	SKG13 : Generating Equipment & System (VILT)	1	VILT	MS Teams	2,030	5	15	2					25 - 26				21 - 22			
5	SKG13 : Protection Device and System (VILT)	1	VILT	MS Teams	2,070	5	15	3			22 - 24					16 - 18				
6	SKG13 : Ex Equipment (PEXCom# 01) (VILT)	1	VILT	MS Teams	1,490	5	15	2			30 - 31			29 - 30			28 - 29			
7	SKG13 : Distribution Equipment (VILT)	2	VILT	MS Teams	3,620	5	15	5							25 - 29					
8	SKG13 : Electric Motor and Drive	2	F2F (NR)	Kerteh	7,160	10	15	4									3 - 6			
9	SKG13 : EMC, LPS and Earthing (VILT)	2	VILT	MS Teams	6,690	8	15	4									12 - 15			
10	SKG13 : Ex Equipment (PEXCom# 03)	2	F2F (NR)	INSTEP*	6,160	10	15	4									17 - 20			
11	SKG13 : Generating Equipment & System (VILT)	2	VILT	MS Teams	5,010	5	15	3							19 - 21					
12	SKG13 : Protection Device and System (VILT)	2	VILT	MS Teams	3,300	5	15	5							4 - 8					
13	SKG13 : Condition Monitoring and Predictive Analysis	1&2	F2F (NR)	INSTEP*	5,550	10	15	4									24 - 27			
14	SKG13 : Electrical Engineering Design & ELSOR (VILT)	1&2	VILT	MS Teams	2,030	5	15	3						21 - 23						
15	SKG13 : Electrical Network Automation	1&2	F2F (NR)	Melaka	3,690	10	15	3										15 - 17		
16	SKG13 : Electrical Safety and Regulations (VILT)	1&2	VILT	MS Teams	2,070	5	15	3		15 - 17						2 - 4				
17	SKG13 : Green Energy	1&2	F2F (NR)	UTP	5,150	8	15	3										29/11 - 1/12		
18	SKG13 : Power Quality (VILT)	1&2	VILT	MS Teams	2,030	5	15	3						7 - 9						
19	SKG13 : Power System Studies (VILT)	1&2	VILT	MS Teams	4,630	5	15	4										7 - 10		
20	SKG13 : Uninterruptible Power Supply System	1&2	F2F (NR)	Shah Alam	6,870	8	15	4										21 - 24		

SKG14: Instrumentation & Control

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my									2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2 (VILT)	1&2	VILT	MS Teams	3,810	8	20	5		21-25										
2	SKG14 : IC1.2 Liquid and Gas Metering, L1&2	1&2	F2F (NR)	INSTEP*	4,820	8	15	5						13-17						
3	SKG14 : IC1.3 Quality Measurement, L1&2 (VILT)	1&2	VILT	MS Teams	3,450	8	20	4			14-17									
4	SKG14 : IC2 Control Theory and Application, L1&2 (VILT)	1&2	VILT	MS Teams	3,450	8	20	4							18-21					
5	SKG14 : IC3 Instrument Engineering Design, L1&2 (VILT)	1&2	VILT	MS Teams	3,450	8	20	4								22-25				
6	SKG14 : IC4 Process Computer System, L1&2	1&2	F2F (NR)	INSTEP*	4,640	8	15	4									12-15			
7	SKG14 : IC5 Instrumented Safeguarding System, L1&2 (VILT)	1&2	VILT	MS Teams	3,450	8	20	4						20-23						
8	SKG14 : IC6 Control Valve, L1&2	1&2	F2F (NR)	INSTEP*	4,820	8	15	5					23-27							
9	SKG14 : IC1.2 Liquid and Gas Metering, L3	3	F2F (NR)	INSTEP*	4,820	8	15	5								15-19				
10	SKG14 : IC1.3 Quality Measurement, L3	3	F2F (NR)	KL	5,050	8	20	4										10-13		
11	SKG14 : IC2 Control Theory and Application, L3	3	F2F (NR)	KL	5,050	8	20	4											7-10	
12	SKG14 : IC3 Instrument Engineering Design, L3	3	F2F (NR)	KL	5,460	10	20	5												5-9
13	SKG14 : IC4 Process Computer System, L3	3	F2F (NR)	KL	5,050	8	20	4											21-24	
14	SKG14 : IC5 Instrumented Safeguarding System, L3	3	F2F (NR)	KL	5,020	10	20	4										24-27		

SKG15: Material, Corrosion & Inspection Engineering

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my				Level	Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG15 : Integrated Module, L1	1	F2F (NR)	INSTEP*	5,050	9	20	4		14-17												
2	SKG15 : Atmospheric Storage Tank, L2	2	F2F (NR)	KL	4,270	8	20	4						23-26								
3	SKG15 : Composites & Polymers, L2	2	F2F (NR)	KL	3,410	6	20	3		8-10												
4	SKG15 : Corrosion Control & Mitigation - Part 1 Painting & Coating, L2	2	F2F (NR)	KL	2,900	9	20	2				15-16										
5	SKG15 : Corrosion Control & Mitigation - Part 2 Chemical Treatment & Cathodic Protection, L2	2	F2F (NR)	KL	4,830	9	20	4							27-30							
6	SKG15 : Corrosion Engineering and Management, L2	2	F2F (NR)	KL	3,530	10	20	3				8-10										
7	SKG15 : Corrosion Testing & Monitoring, L2	2	F2F (NR)	KL	2,770	10	20	2				29-30										
8	SKG15 : Failure Investigation & Prevention, L2	2	F2F (NR)	KL	2,690	10	20	2									3-4					
9	SKG15 : FPV & UPV, Piping & Pipeline, L2	2	F2F (NR)	Melaka/KL	4,840	8	20	4								25-28						
10	SKG15 : Metallurgy & Materials Selection, L2	2	F2F (NR)	KL	4,300	13	20	4										12-15				
11	SKG15 : Non-Destructive Testing, L2	2	F2F (NR)	INSTEP*	2,890	11	20	3				22-24										
12	SKG15 : Quality Management, L2	2	F2F (NR)	KL	2,770	10	20	2									17-18					
13	SKG15 : Risk Based Inspection Methodology, L2	2	F2F (NR)	KL	2,690	10	20	2											26-27			
14	SKG15 : Supercorp - Process Related Corrosion (CO2/H2S/Acetic Acid/MIC), L2	2	F2F (NR)	KL	3,810	10	20	3						17-19								
15	SKG15 : Welding Technology, L2	2	F2F (NR)	INSTEP*	2,650	10	20	3							7-9							
16	SKG15 : Advanced Material Selection, L3	3	F2F (NR)	KL	4,420	7	20	3							14-16							
17	SKG15 : Advanced Non Destructive Testing, L3	3	F2F (NR)	KL	3,980	8	20	3								19-21						
18	SKG15 : Advanced Welding Technology, L3	3	F2F (NR)	KL	3,810	8	20	3									9-11					
19	SKG15 : Ceramics Composites & Polymers for Advance Application, L3	3	F2F (NR)	KL	4,610	7	20	4											17-20			
20	SKG15 : Corrosion Control and Mitigation, L3	3	F2F (NR)	KL	5,570	7	20	5									22-26					

- Course fee stated above EXCLUDES tax
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SKG15: Material, Corrosion & Inspection Engineering

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
21	SKG15 : Corrosion Engineering and Management, L3	3	F2F (NR)	KL	4,540	7	20	3									6-8			
22	SKG15 : Corrosion Testing & Monitoring, L3	3	F2F (NR)	KL	4,540	7	20	3									20-22			
23	SKG15 : Fitness for Service, L3	3	F2F (NR)	KL	3,220	12	20	5						20-24						
24	SKG15 : Risk Based Inspection Assessment & Auditing, L3	3	F2F (NR)	KL	3,820	10	20	3										4-6		

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022												
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
SKG16.1 Operations Management																						
Upstream - Programmes for E1																						
1	SKG16.1 : Introduction to Integrated HC Supply Chain, L1		1	Refer to 16.2 (Upstream) Calendar																		
2	SKG16.1 : Plant Cost Management, L2		2	Refer to 16.1 (Downstream) Calendar																		
3	SKG16.1 : Plant Performance Monitoring & Optimisation, L2		2	Refer to 16.3 (Process Technology) Calendar																		
4	SKG16.1 : Process Schematic (known as P&ID) Upstream		2	F2F (NR)	KL	4,230	10	20	3												6-8	
5	SKG16.1 : Surface Production Facilities – Oil/Water & Gas Handling, L2		2	Refer to 16.2 (Upstream) Calendar																		
6	SKG16.1 : Well Operations & Maintenance Upstream		2	F2F (NR)	KL	4,730	8	20	3	Upon Request (Click to Enquire)												
7	SKG16.1 : Well Operations & Maintenance Upstream (VILT)		2	VILT	MS Teams	2,680	8	10	3			8-10										
8	SKG16.1 : Introduction to Petroleum Technology INSTEP		Refer to NET PIP : Introduction to Petroleum Technology (VILT)																			
Upstream - Programmes for E2																						
9	SKG16.1 : Gas Lift Optimisation Upstream		2	F2F (NR)	KL	4,500	10	25	3	Upon Request (Click to Enquire)												
10	SKG16.1 : Gas Lift Optimisation Upstream (VILT)		2	VILT	MS Teams	2,300	8	15	3					24-26								
11	SKG16.1 : Safety in Process Design & Operations, L2		2	Refer to 16.3 (Process Technology) Calendar																		
12	SKG16.1 : Advance Oil & Gas Handling (Subsurface), Level 3 Upstream		3	F2F (NR)	KL	6,590	12	25	5	Upon Request (Click to Enquire)												
13	SKG16.1 : Advance Oil & Gas Handling (Subsurface), Level 3 Upstream (VILT)		3	VILT	MS Teams	3,880	8	15	5		21-25											
14	SKG16.1 : Advance Oil & Gas Handling (Surface), Level 3 Upstream		3	F2F (NR)	KL	6,590	12	25	5	Upon Request (Click to Enquire)												
15	SKG16.1 : Advance Oil & Gas Handling (Surface), Level 3 Upstream (VILT)		3	VILT	MS Teams	3,880	8	15	5											14-18		
16	SKG16.1 : Production Enhancement, L3		3	Refer to 16.2 Well Programming & Integrated Production Enhancement (Upstream) Calendar																		

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my				Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
Jan	Feb	Mac	Apr								May	June	July	Aug	Sept	Oct	Nov	Dec				
Downstream - Programmes for E1																						
17	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream	2	F2F (NR)	KL	4,250	8	20	3	Upon Request (Click to Enquire)													
18	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream (VILT)	2	VILT	MS Teams	2,300	8	15	3														
19	SKG16.1 : Plant Cost Management, Level 2 Downstream	2	F2F (NR)	KL	4,300	10	20	3										18-20				
20	SKG16.1 : Plant Performance Monitoring & Optimisation, L2	2	Refer to 16.3 (Process Technology) Calendar																			
21	SKG16.1 : Process Control Theory & Application, Level 2 Downstream	2	F2F (NR)	KL	5,080	8	20	3	Upon Request (Click to Enquire)													
22	SKG16.1 : Process Control Theory & Application, Level 2 Downstream (VILT)	2	VILT	MS Teams	2,670	8	10	3														
23	SKG16.1 : SSDP Grounding I (Functional) Downstream	2	F2F (NR)	KL	4,710	10	20	3	Upon Request (Click to Enquire)													
24	SKG16.1 : SSDP Grounding I (Functional) Downstream (VILT)	2	VILT	MS Teams	3,170	8	15	3														
25	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream	2	F2F (NR)	INSTEP*	5,290	8	20	4														
26	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream (VILT)	2	VILT	MS Teams	3,370	8	15	4														
27	SKG16.1 : SSDP Supervisory and Leadership Downstream	2	F2F (NR)	KL	3,930	14	20	4														
28	SKG16.1 : HSE Management System	Refer to SKG18 Calendar																				
Downstream - Programmes for E2																						
39	SKG16.1 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
30	SKG16.1 : Plant Start Up & Shutdown Downstream	3	F2F (NR)	KL	4,230	10	25	3	Upon Request (Click to Enquire)													
31	SKG16.1 : SKG18 Emergency Management	Refer to SKG18 Calendar																				

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UFTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022													
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.2 Production Planning																						
Upstream - Programmes for E1																						
32	SKG16.2 : Introduction to Integrated HC Supply Chain, Level 1 Upstream	1	F2F (NR)	KL	5,980	8	20	5	Upon Request (Click to Enquire)													
33	SKG16.2 : Introduction to Integrated HC Supply Chain, Level 1 Upstream (VILT)	1	VILT	MS Teams	2,090	8	15	5		21-25												
34	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream	2	F2F (NR)	KL	4,420	9	20	3	Upon Request (Click to Enquire)													
35	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream (VILT)	2	VILT	MS Teams	2,250	9	15	3			15-17											
36	SKG16.2 : HC Planning and Forecasting, Level 2 Upstream	2	F2F (NR)	KL	3,700	9	20	3	Upon Request (Click to Enquire)													
37	SKG16.2 : HC Planning and Forecasting, Level 2 Upstream (VILT)	2	VILT	MS Teams	2,250	9	15	3										6-8				
38	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Upstream	2	F2F (NR)	KL	6,190	9	20	5													4-8	
39	SKG16.2 : Production Operations, Level 2 Upstream	2	F2F (NR)	KL	5,890	9	20	5	Upon Request (Click to Enquire)													
40	SKG16.2 : Production Operations, Level 2 Upstream (VILT)	2	VILT	MS Teams	3,190	8	15	5						23-27								
41	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream	2	F2F (NR)	KL	4,790	8	20	5	Upon Request (Click to Enquire)													
42	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream (VILT)	2	VILT	MS Teams	2,550	9	15	5												21-25		
43	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream	2	F2F (NR)	KL	6,620	8	20	5	Upon Request (Click to Enquire)													
44	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream (VILT)	2	VILT	MS Teams	3,060	9	15	5														

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022													
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
Upstream - Programmes for E2																							
45	SKG16.2 : Petroleum Contract, L2	2	Refer to SKG10 Calendar																				
46	SKG16.2 : Practice of Petroleum Economics, L2	2	Refer to SKG10 Calendar																				
47	SKG16.2 : Advance Oil & Gas Handling (Subsurface), L3	3	Refer to 16.1 (Upstream) Calendar																				
48	SKG16.2 : Advance Oil & Gas Handling (Surface), L3	3	Refer to 16.1 (Upstream) Calendar																				
49	SKG16.2 : Practice of Reservoir Engineering, L3	3	Refer to SKG10 Calendar																				
Downstream - Programmes for E1																							
50	SKG16.2 : Introduction to Integrated HC Supply Chain, L1	1	Refer to 16.2 (Upstream) Calendar																				
51	SKG16.2 : Feedstock Evaluation, Level 2 Downstream	2	F2F (NR)	KL	3,750	8	10	2	Upon Request (Click to Enquire)														
52	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream	2	F2F (NR)	KL	4,780	6	10	2															
53	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream (VILT)	2	VILT	MS Teams	2,720	6	10	2								3-4							
54	SKG16.2 : HC Planning and Forecasting, Level 2 Downstream	2	F2F (NR)	KL	3,600	6	20	2	Upon Request (Click to Enquire)														
55	SKG16.2 : HC Planning and Forecasting, Level 2 Downstream (VILT)	2	VILT	MS Teams	1,800	6	15	2															
56	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream	2	F2F (NR)	KL	4,400	6	20	2															
57	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream (VILT)	2	VILT	MS Teams	2,540	6	10	2						21-22									
Downstream - Programmes for E1																							
58	SKG16.2 : Marketing for Production Planning, Level 3 Downstream	3	F2F (NR)	KL	6,290	6	20	3	Upon Request (Click to Enquire)														
59	SKG16.2 : Ship & Shore Measurement, Level 3 Downstream	3	F2F (NR)	KL	6,360	6	20	3											25-27				

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022												
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
SKG16.3 Process Technology																						
Process Technology - Programmes for E1																						
60	SKG16.3 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Improvement/Optimization) Calendar																			
61	SKG16.3 : Grounding Program, Level 2	2	F2F (NR)	KL	11,850	9	20	10	Upon Request (Click to Enquire)													
62	SKG16.3 : Grounding Program, Level 2 (VILT)	2	VILT	MS Teams	4,830	9	20	10										17-28				
63	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2	2	F2F (NR)	KL	4,000	10	25	3	Upon Request (Click to Enquire)													
64	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2 (VILT)	2	VILT	MS Teams	2,180	9	15	3						28-30								
65	SKG16.3 : Safety in Process Design & Operations, Level 2	2	F2F (NR)	KL	5,020	10	25	4	Upon Request (Click to Enquire)													
66	SKG16.3 : Safety in Process Design & Operations, Level 2 (VILT)	2	VILT	MS Teams	2,840	9	15	4								8-11						
67	SKG16.3 : Water Technology, Level 2 (Waste Water)	2	F2F (NR)	KL	3,830	9	20	2	Upon Request (Click to Enquire)													
68	SKG16.3 : Water Technology, Level 2 (Waste Water) (VILT)	2	VILT	MS Teams	1,910	9	15	2														
69	SKG16.3 : Water Technology, Level 2 (Water Utility)	2	F2F (NR)	KL	5,740	9	20	4														
70	SKG16.3 : Water Technology, Level 2 (Water Utility) (VILT)	2	VILT	MS Teams	3,120	9	15	4						27-30								
Process Technology - Programmes for E2																						
71	SKG16.3 : Design of Water System, Level 3	3	F2F (NR)	KL	9,390	8	20	5	Upon Request (Click to Enquire)													
72	SKG16.3 : Distillation Design & Operations, Level 3 (VILT)	3	VILT	MS Teams	3,530	6	15	3			22-24											
73	SKG16.3 : HAZOP Leader, Level 3	3	F2F (NR)	KL	4,600	9	20	3	Upon Request (Click to Enquire)													
74	SKG16.3 : HAZOP Leader, Level 3 (VILT)	3	VILT	MS Teams	2,380	9	15	3		8-10												
75	SKG16.3 : Process Risk Assessment & Tools, Level 3	3	F2F (NR)	KL	4,210	7	20	2	Upon Request (Click to Enquire)													
76	SKG16.3 : Process Risk Assessment & Tools, Level 3 (VILT)	3	VILT	MS Teams	2,380	9	15	2							20-21							

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my				Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
Jan	Feb	Mac	Apr								May	June	July	Aug	Sept	Oct	Nov	Dec				
Process Safety- Programmes for E1																						
77	SKG16.3 : Grounding Program, L2				2	Refer to 16.3 (Process Technology) Calendar																
78	SKG16.3 : Safety in Process Design & Operations, L2				2	Refer to 16.3 (Process Technology) Calendar																
79	SKG16.3 : SKG18 Incident Investigation, L2				2	Refer to SKG18 Calendar																
80	SKG16.3 : HAZOP Leader, L3				3	Refer to 16.3 (Process Technology) Calendar																
Process Safety- Programmes for E2																						
81	SKG16.3 : Hazardous Area Classification, Level 2 (VILT)				2	VILT	MS Teams	2,380	9	15	3					17-19						
82	SKG16.3 : HAZID & What If Technique, Level 2				2	F2F (NR)	KL	4,210	7	20	2	Upon Request (Click to Enquire)										
83	SKG16.3 : HAZID & What If Technique, Level 2 (VILT)				2	VILT	MS Teams	2,250	9	15	2								7-8			
84	SKG16.3 : LOPA, Level 2 (VILT)				2	VILT	MS Teams	1,720	9	15	2									1-2		
85	SKG16.3 : QRA & Consequence Modelling, Level 3 (VILT)				3	VILT	MS Teams	3,170	9	20	3				29-31							
86	SKG16.3 : Hazardous Area Classification, Level 2 (VILT)				2	VILT	MS Teams	2,380	9	15	3					17-19						
SKG16.4 Plant Improvement & Optimisation																						
Advance Process Control - Programmes for E1																						
87	SKG16.4 : Grounding Program, L2				2	Refer to 16.3 (Process Technology) Calendar																
88	SKG16.4 : Instrumentation for Process Control, Level 2				2	F2F (NR)	KL	6,630	6	20	3											13-15
89	SKG16.4 : Introduction to Multivariable Predictive Control, Level 2				2	F2F (NR)	KL	5,880	5	20	2									4-5		
90	SKG16.4 : MPC Implementation, Level 2				2	F2F (NR)	KL	7,260	6	20	4							22-25				
91	SKG16.4 : Process Control Theory and Application, Level 2				2	F2F (NR)	KL	7,250	9	20	5	Upon Request (Click to Enquire)										
92	SKG16.4 : Process Control Theory and Application, Level 2 (VILT)				2	VILT	MS Teams	3,690	9	15	5							18-22				
Advance Process Control - Programmes for E2																						
93	SKG16.4 : Advanced Technique in PID Control, Level 3				3	F2F (NR)	KL	8,000	8	20	4								12-15			

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Process Simulation & Optimisation - Programmes for E1																				
94	SKG16.4 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																	
95	SKG16.4 : iCON Basic Training, Level 2	2	F2F (NR)	INSTEP*	6,530	12	20	5	Upon Request (Click to Enquire)											
96	SKG16.4 : iCON Basic Training, Level 2 (VILT)	2	VILT	MS Teams	3,220	9	15	5						18-22						
97	SKG16.4 : Instrumentation for Process Control, L2	2	Refer to 16.4 (Advance Process Control) Calendar																	
98	SKG16.4 : Plant Performance Monitoring & Optimisation, L2	2	Refer to 16.3 (Process Technology) Calendar																	
99	SKG16.4 : Process Control Theory and Application, L2	2	Refer to 16.4 (Advance Process Control) Calendar																	
100	SKG16.4 : Regression and First Principle Inference, L2	2	Refer to 16.4 (Advance Process Control) Calendar																	
101	SKG16.4 : Surface Production Facilities – Oil/Water & Gas Handling, L2	2	Refer to 16.2 (Production Planning) Calendar																	
Process Simulation & Optimisation - Programmes for E2																				
102	SKG16.4 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																	
103	SKG16.4 : Advance Oil & Gas Handling (Surface), L3	3	Refer to 16.1 (Operations Management) Calendar																	
104	SKG16.4 : Advanced Simulation including Dynamics, L3	3	Upon Request (Click to Enquire)																	
105	SKG16.4 : Distillation Design & Operations, L3	3	Refer to 16.3 (Process Technology) Calendar																	

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022													
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.5 Process Engineering/Design																						
Process Engineering - Programmes for E1																						
106	SKG16.5 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Simulation & Optimization) Calendar																			
107	SKG16.5 : PVT & EOS	2	F2F (NR)	KL	8,810	7	20	5										24-28				
108	SKG16.5 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
109	SKG16.5 : Surface Production Facilities - Oil/Water & Gas Handling, L2	2	Refer to 16.2 (Upstream) Calendar																			
110	SKG16.5 : Upstream Induction and Grounding Program	2	Upon Request (Click to Enquire)																			
Process Engineering - Programmes for E1																						
111	SKG16.5 : Advance Oil & Gas Handling (Surface), L3	3	Refer to 16.1 (Upstream) Calendar																			
112	SKG16.5 : HAZOP Leader, L3	3	Refer to 16.3 (Process Technology) Calendar																			
Process Design - Programmes for E1																						
113	SKG16.5 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Simulation & Optimization) Calendar																			
114	SKG16.5 : Process Control Theory and Application	2	Refer to 16.1 (Downstream) Calendar																			
115	SKG16.5 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																			
116	SKG16.5 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
117	SKG16.5 : Surface Production Facilities - Oil/Water & Gas Handling, L2	2	Refer to 16.2 (Production Planning) Calendar																			
Process Design - Programmes for E2																						
118	SKG16.5 : SKG13: Basic Apply of Ex-Equipment	Refer to SKG 13 Calendar																				
119	SKG16.5 : Distillation Design & Operations, L3	3	Refer to 16.3 (Process Technology) Calendar																			
120	SKG16.5 : Plant Performance Monitoring & Optimisation, L2	2	Refer to 16.3 (Process Technology) Calendar																			
121	SKG16.5 : Process Risk Assessment & Tools, L3	3	Refer to 16.3 (Process Technology) Calendar																			
122	SKG16.5 : HAZOP Leader, L3	3	Refer to 16.3 (Process Technology) Calendar																			

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTF)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022													
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.6 Analytical And Product & Application Technology																						
Analytical Technology - Programmes for E1																						
123	SKG16.6 : Analytical Equipment: Chromatography and Spectroscopy Part 1 & 2, Level 2	2	F2F (NR)	Putrajaya	6,690	5	20	5	Upon Request (Click to Enquire)													
124	SKG16.6 : Lab Safety, Level 2 (VILT)	2	VILT	MS Teams	3,570	6	10	4			28-31											
125	SKG16.6 : Method and Standards for Sampling and Testing, Level 2 (VILT)	2	VILT	MS Teams	3,570	6	10	4					23-26									
Analytical Technology - Programmes for E2																						
126	SKG16.6 : Statistics, Calibration and Method Validation, Level 2	2	F2F (NR)	KL	6,710	6	20	4	Upon Request (Click to Enquire)													
127	SKG16.6 : Advanced Atomic Absorption, Level 3	3	F2F (NR)	Putrajaya	7,000	7	20	5														
128	SKG16.6 : Advanced Gas Chromatography, Level 3	3	F2F (NR)	Putrajaya	6,400	5	20	5														
129	SKG16.6 : Advanced XRF Training, Level 3	3	F2F (NR)	Kerteh	9,530	5	20	3														

SKG18: Health, Safety & Environment Programme

Programme Leader: Raja Surida Bt Saiful Bahri +609-668 6346 +6016-333 4094 rajasurida.sb@petronas.com.my									2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG18 : Emergency Management, L2 (VILT)	2	VILT	MS Teams	2,320	8	20	2				04-05								
2	SKG18 : Environmental Management, L2 (VILT)	2	VILT	MS Teams	1,910	5	15	3						21-23						
3	SKG18 : First Line HSEMS Assurance, L2 (VILT)	2	VILT	MS Teams	2,320	8	20	2							04-05					
4	SKG18 : Fundamental of OH and IH, L2 (VILT)	2	VILT	MS Teams	1,910	5	15	3							05-07					
5	SKG18 : HSE Management System (HSE MS), L2 (VILT)	2	VILT	MS Teams	4,140	8	20	4								01-04				
6	SKG18 : Human Factors in Operation and Maintenance, L2 (VILT)	2	VILT	MS Teams	1,610	8	10	2	Upon Request (Click to Enquire)											
7	SKG18 : Incident Management, L2 (VILT)	2	VILT	MS Teams	2,320	8	20	2		16-17				13-14						
8	SKG18 : Management of Contractor HSE, L2 (VILT)	2	VILT	MS Teams	2,320	8	20	2			02-03									
19	SKG18 : Management of Hazardous Chemicals and Waste, L2 (VILT)	2	VILT	MS Teams	1,910	5	20	3							05-07					
10	SKG18 : Safe System of Work, L2 (VILT)	2	VILT	MS Teams	3,230	8	20	3								09-11				
11	SKG18 : Air Emission Management, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3									27-29			
12	SKG18 : Behavioral Safety, L3 (VILT)	3	VILT	MS Teams	2,320	8	10	2					18-19							
13	SKG18 : Engineering & Control Technology, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3				26-28								
14	SKG18 : Environmental Risk Assessment EAI & HER, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	2							13-14					
15	SKG18 : Ergonomics & Workplace Design, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3										04-05		
16	SKG18 : Fire Protection & Prevention, L3 (VILT)	3	VILT	MS Teams	1,470	4	15	3								16-18				
17	SKG18 : Fire Risk Assessment (FRA), L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3						28-30						
18	SKG18 : GHG Inventory & Reporting, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	2				13-14								

SKG18: Health, Safety & Environment Programme

Programme Leader: Raja Surida Bt Saiful Bahri +609-668 6346 +6016-333 4094 rajasurida.sb@petronas.com.my									2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
19	SKG18 : Health Risk Assessment (HRA), L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3						14-16						
20	SKG18 : Inherent Safety, L3 (VILT)	3	VILT	MS Teams	2,320	8	10	2	Upon Request (Click to Enquire)											
21	SKG18 : Managing Major Hazard, L3 (VILT)	3	VILT	MS Teams	1,610	8	15	2				20-21								
22	SKG18 : Operational Safety Management (OSM), L3 (VILT)	3	VILT	MS Teams	2,160	8	10	3							26-28					
23	SKG18 : Process Safety Management (PSM), L3 (VILT)	3	VILT	MS Teams	2,160	8	10	3									20-22			
24	SKG18 : Project Environment Management, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3								23-25				
25	SKG18 : SHOC & HCA TTT, L3 (VILT)	3	VILT	MS Teams	3,380	5	10	4											14-17	
26	SKG18 : Spill Management, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3							26-28					
27	SKG18 : Water & Waste Water Management, L3 (VILT)	3	VILT	MS Teams	1,910	4	10	3									06-08			

SKG19: Project Management

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG19 : PM3 Project Time Management , L1 (VILT)	1	VILT	MS Teams	1,560	15	20	2		8-9										
2	SKG19 : PM4 Project Cost Management, L1 (VILT)	1	VILT	MS Teams	1,560	15	20	2		15-16										
3	SKG19 : Process Schematic and P&ID, L1	1	F2F (NR)	INSTEP*	2,700	20	25	3						14-16						
4	SKG19 : Project Management Essentials, L1 (VILT)	1	VILT	MS Teams	3,200	15	20	5						20-24						
5	SKG19 : Safety Process Design Application in Plant Commissioning & Start up (SPDA), L1 (VILT)	1	VILT	MS Teams	2,080	10	15	3							26-28					
6	SKG19 : SIMOPS, L1 (VILT)	1	VILT	MS Teams	770	15	20	2					24-25							
7	SKG19 : PM1 Project Integration Management, L2 (VILT)	2	VILT	MS Teams	1,560	15	20	2			1-2									
8	SKG19 : PM2 Project Scope Management, L2 (VILT)	2	VILT	MS Teams	1,560	15	20	2					17-18							
9	SKG19 : PM3 Project Time Management , L2 (VILT)	2	VILT	MS Teams	1,560	15	20	2						7-8						
10	SKG19 : PM4 Project Cost Management, L2 (VILT)	2	VILT	MS Teams	1,560	15	20	2							19-20					
11	SKG19 : PM5 Project Quality Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2								9-10				
12	SKG19 : PM6 Project Organization & Manning Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2								16-17				
13	SKG19 : PM7 Project Communication Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2								23-24				
14	SKG19 : PM8 Project Risk Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2									6-7			
15	SKG19 : PM9 Project Procurement Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2										4-5		
16	SKG19 : PM10 Project HSE Management, L2 (VILT)	2	VILT	MS Teams	1,560	10	15	2										18-19		
17	SKG19 : Turnaround Management, L1/L2	2	F2F (NR)	KL	2,260	15	20	2										25-26		
18	SKG19 : PM1 Project Integration Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1		17										
19	SKG19 : PM2 Project Scope Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1			3									
20	SKG19 : PM3 Project Time Management , L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1					19							

SKG19: Project Management

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
21	SKG19 : PM4 Project Cost Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	2						9						
22	SKG19 : PM5 Project Quality Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1								11				
23	SKG19 : PM6 Project Organization & Manning Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1								18				
24	SKG19 : PM7 Project Communication Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1								25				
25	SKG19 : PM8 Project Risk Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1									8			
26	SKG19 : PM9 Project Procurement Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	2						28-29						
27	SKG19 : PM10 Project HSE Management, L3 (VILT)	3	VILT	MS Teams	1,010	10	15	1										20		
28	SKG19 : Project Management Professional (PMP) Preparation (VILT)	3	VILT	MS Teams	4,320	15	20	5									26-30			
29	SKG19 : Turnaround Management, L3	3	F2F (NR)	KL	2,260	15	20	2									21-22			

SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my				Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG25 : Borehole Survey & Survey Mgmt Trg , L2 (VILT)	2	VILT	MS Teams	1,260	5	20	3					15-17									
2	SKG25 : Casing Materials and Connection Selection, L2 (VILT)	2	VILT	MS Teams	1,870	5	20	5				21 - 25										
3	SKG25 : Cementing , L2 (VILT)	2	VILT	MS Teams	1,590	5	20	5									18 - 22					
4	SKG25 : Coiled Tubing Operation, L2	2	F2F (NR)	Kemaman	10,240	10	20	5													21 - 25	
5	SKG25 : Deepwater Drilling, L2 (VILT)	2	VILT	MS Teams	10,140	10	20	5	Upon Request (Click to enquire)													
6	SKG25 : Drilling & Completion Fluids , L2 (VILT)	2	VILT	MS Teams	1,590	5	20	5														
7	SKG25 : Drilling for Non Driller, L2 (VILT)	2	VILT	MS Teams	3,970	5	10	2									16 - 17					
8	SKG25 : Electric Line Operation, L2	2	F2F (NR)	Kemaman	4,800	10	20	3										26 - 28				
9	SKG25 : Extended Reach Drilling, L2 (VILT)	2	VILT	MS Teams	9,590	10	20	3	Upon Request (Click to enquire)													
10	SKG25 : Fundamental of Drilling Operation, L2	2	F2F (R)	INSTEP*	16,570	8	10	10														
11	SKG25 : HPHT, L2 (VILT)	2	VILT	MS Teams	10,140	10	20	5	Upon Request (Click to enquire)													
12	SKG25 : HSE in Drilling, L2 (VILT)	2	VILT	MS Teams	2,800	8	20	5														
13	SKG25 : IADC WellSHARP, L2 (VILT)	2	VILT	MS Teams	6,940	5	6	5														
14	SKG25 : Introduction to Casing Design Concept , L2 (VILT)	2	VILT	MS Teams	1,640	5	20	3														
15	SKG25 : IWCF Well Control, L2 (VILT)	2	VILT	MS Teams	6,940	5	6	5														
16	SKG25 : Manage Pressure Drilling (MPD) , L2 (VILT)	2	VILT	MS Teams	1,420	5	20	2				22 - 23						6 - 7				
17	SKG25 : Plug & Abandonment Awareness, L2 (VILT)	2	VILT	MS Teams	2,980	5	20	2	Upon Request (Click to enquire)													
18	SKG25 : Pore Pressure Prediction & Mechanical Borehole Stability, L2 (VILT)	2	VILT	MS Teams	10,030	5	20	5														

SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my				Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
19	SKG25 : Real Time Drilling (RTO), L2 (VILT)	2	VILT	MS Teams	1,870	8	15	5												31/10 - 4/11		
20	SKG25 : Rig Equipment Inspection, L2 (VILT)	2	VILT	MS Teams	11,240	10	20	5	Upon Request (Click to enquire)													
21	SKG25 : Sand Management & Control, L2 (VILT)	2	VILT	MS Teams	12,440	5	20	5													7 - 11	
22	SKG25 : Slickline Operation, L2	2	F2F (NR)	Labuan	9,290	6	12	5												10-14		
23	SKG25 : Stuck Pipe Prevention & Fishing, L2 (VILT)	2	VILT	MS Teams	5,780	8	20	5	Upon Request (Click to enquire)													
24	SKG25 : Well Completion, L2 (VILT)	2	VILT	MS Teams	1,960	5	20	5												10-14 17-21		
25	SKG25 : Well Engineering Software Application, L2 (VILT)	2	VILT	MS Teams	2,440	4	5	5	Upon Request (Click to enquire)													
26	SKG25 : Well Engineering, L2 (VILT)	2	VILT	MS Teams	11,260	5	20	5														
27	SKG25 : Well Integrity & Intervention , L2 (VILT)	2	VILT	MS Teams	6,060	5	20	5							20 - 24							
28	SKG25 : Wellhead Preventive Maintenance, L2	2	F2F (NR)	Miri	7,560	8	12	3	Upon Request (Click to enquire)													
29	SKG25 : Advance Drilling Fluid, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5	Upon Request (Click to enquire)													
30	SKG25 : Advanced Cementing, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5													7 - 11	
31	SKG25 : Advanced Well Completion, L3 (VILT)	3	VILT	MS Teams	1,870	5	20	5	Upon Request (Click to enquire)													
32	SKG25 : IWCF Well Control Supervisory, L4 (VILT)	4	VILT	MS Teams	6,940	5	6	5	Upon Request (Click to enquire)													
33	SKG25 : IWCF Well Pressure Control, L3 & 4 (VILT)	3&4	VILT	MS Teams	6,940	5	6	5	Upon Request (Click to enquire)													

SKG Others: Upstream Commercial Academy (UCA)

Programme Leader: M Hafiz Khairudin +609-668 6102 +6017-582 8368 mhafiz.khairudin@petronas.com.my		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG Others UCA : Upstream Commercial Fundamentals	1	F2F (NR)	KL	1,190	10	20	1							13	3	6		2	
2	SKG Others UCA : Upstream Commercial Fundamentals (VILT)	1	VILT	MS Teams	590	6	12	2		8-9			24-25							
3	SKG Others UCA : Upstream Commercial Core	3	F2F (NR)	KL	6,090	6	14	7 (Incl. Weekend)									21-27			
4	SKG Others UCA : Upstream Commercial Core (VILT)	3	VILT	MS Teams	1,720	6	8	11		14-28				13-27						
5	SKG Others UCA : Upstream Commercial Negotiation	3	F2F (NR)	KL	4,700	6	10	5										17-21		
6	SKG Others UCA : Upstream Commercial Negotiation (VILT)	3	VILT	MS Teams	1,040	6	8	5			21-25									
7	SKG Others UCA : Upstream Commercial Case Studies	3	F2F (NR)	KL	4,210	10	15	2								16-17				

Net Upgrading (NET UPG)



NET UPG: Petroleum Industry Programme (PIP)

Programme Leader: Elias Bin Abllah +6012-7176 903 elias.abllah@petronas.com.my		Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	NET PIP: Introduction to Petroleum Technology (VILT)	VILT	MS Teams	3,950	5	15	4								8-11				

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

Programme Leader: Elias Bin Abillah +6012-7176 903 elias.abillah@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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 P&A: Water and Waste Water Treatment System (VILT)		x		x	x	x			VILT	MS Teams	4,700	5	20	3		21-23										
2	NET P&A: Heat Exchangers: Operation and Care (VILT)		x		x	x	x			VILT	MS Teams	4,700	5	20	3					23-25							
3	NET P&A: Pump Operation and Care (VILT)		x		x	x	x			VILT	MS Teams	4,700	5	20	3							8-10					
4	NET P&A: Fundamentals Process Control System Engineering			x				x		F2F (NR)	INSTEP*	6,530	8	20	4										14-17		
5	NET P&A: Separation Process (VILT)			x				x		VILT	MS Teams	3,240	5	20	2								5-6				

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

Programme Leader: Elias Bin Abillah +6012-7176 903 elias.abillah@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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: Laboratory Safety (VILT)		x		x	x	x			VILT	MS Teams	3,240	5	20	2			7-8									
2	NET P&A: Principles and Calibration of Gas Chromatograph (VILT)			x			x	x		VILT	MS Teams	4,750	5	20	3						13-15						

NET UPG: Civil

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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 CIVIL : HSE, Civil Management & Documentation	x	x	x	x	x	x			F2F (NR)	KL	3,350	5	15	2			23-24									
2	NET CIVIL : Painting & Heat Protection Technology	x	x	x	x	x	x			F2F (NR)	KL	3,350	5	15	2						22-23						
3	NET CIVIL : Road, Sewerage and General Services Technology	x	x	x	x	x	x			F2F (NR)	KL	3,700	5	15	3							26-28					
4	NET CIVIL : Scaffolding Appreciation	x	x	x	x	x	x			F2F (NR)	INSTEP*	3,030	5	15	3									25-27			
5	NET CIVIL : Structural Work and Maintenance Technology	x	x	x	x	x	x			F2F (NR)	KL	3,350	5	15	2								21-22				

NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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		N/A						F2F (NR)	Shah Alam	4,200	12	20	4						27-30							
2	NET MECH : Alignment Principles & Technology			x	x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3			15-17										
3	NET MECH : Basic Principles of Rotating Equipment					x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3					17-19								
4	NET MECH : Bearing Technology and Maintenance				x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3							19-21						
5	NET MECH : Centrifugal Gas Compressor								F2F (NR)	INSTEP*	3,090	10	15	3						28-30							
6	NET MECH : Condition Monitoring of Rotary Equipment					x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3								9-11					
7	NET MECH : Corrosion Control and Monitoring					x	x	x	F2F (NR)	KL / Kerteh	3,470	12	20	3										4-6			
8	NET MECH : Destructive Testing					x	x	x	F2F (NR)	INSTEP*	2,180	10	15	2			14-15										
9	NET MECH : Diesel engine: Operation & Maintenance					x	x	x	F2F (NR)	KL / Kerteh	3,580	15	20	4							25-28						
10	NET MECH : Equipment Balancing					x	x	x	F2F (NR)	Kerteh	3,100	12	15	3								23-25					
11	NET MECH : Gas turbine: Operation and Maintenance			x	x	x	x	x	F2F (NR)	Kuantan / Kerteh	3,820	13	20	4								15-18					
12	NET MECH : Hydraulic Systems: Operation, Troubleshooting & Maintenance				x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3					14-16								
13	NET MECH : Liquid Penetrant Testing (PT)					x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3						26-28							
14	NET MECH : Lubrication and Filtration					x	x	x	F2F (NR)	Melaka / Kerteh	3,510	15	20	3									18-20				
15	NET MECH : Magnetic Particle Testing (MT)					x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3							16-18						
16	NET MECH : Mechanical Seal Maintenance and Troubleshooting			x	x	x	x	x	F2F (NR)	KL / Kerteh	3,380	15	20	3		8-10											
17	NET MECH : Non-Destructive Testing					x	x	x	F2F (NR)	INSTEP*	2,680	10	15	4								8-11					
18	NET MECH : Painting and Coating Inspection						x		F2F (NR)	INSTEP*	2,180	10	15	2					16-17								
19	NET MECH : Pneumatic Systems: Operation, Troubleshooting & Maintenance					x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3		15-17										
20	NET MECH : Positive Displacement Pump				x	x	x	x	x	F2F (NR)	INSTEP*	2,180	10	15	2						13-14						

- Course fee stated above EXCLUDES tax
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NET UPG: Mechanical & Inspection (M&I)

Programme Leader: M Naim Abu +6013-574 9697 mnaim.abu@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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
21	NET MECH : Precision Measurement Tools and Bench Fittings	N/A				x	x	x	x	F2F (NR)	INSTEP*	2,900	10	15	4								22-25				
22	NET MECH : Precision Practical Alignment			x		x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3			22-24									
23	NET MECH : Pressure Relieving Devices						x	x	x	F2F (NR)	INSTEP*	2,180	10	15	2								18-19				
24	NET MECH : Pump Troubleshooting						x	x	x	F2F (NR)	INSTEP*	2,180	10	15	2										25-26		
25	NET MECH : Quality Control						x	x	x	F2F (NR)	KL	3,470	15	20	3										25-27		
26	NET MECH : Quality Control of Rotating Equipment							x	x	x	F2F (NR)	INSTEP*	2,200	10	15	3			7-9								
27	NET MECH : Reciprocating Compressor			x		x	x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3				8-10								
28	NET MECH : Single Stage Centrifugal Pump						x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3				22-24								
29	NET MECH : Single Stage Steam Turbine						x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3					24-26							
30	NET MECH : Tank Maintenance and Repair			x		x	x	x	x	F2F (NR)	INSTEP*	3,340	10	15	4										3-6		
31	NET MECH : Troubleshooting Technique of Rotating Equipment			x		x	x	x	x	F2F (NR)	KL / Kerteh	3,770	12	15	3						7-9						
32	NET MECH : Ultrasonic Testing (UT)						x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3						21-23						
33	NET MECH : Unfired Pressure Vessel Inspection						x	x		F2F (NR)	INSTEP*	2,960	10	15	3								12-14				
34	NET MECH : Valves and Safety Valves Maintenance & Repair						x	x	x	F2F (NR)	INSTEP*	3,030	10	15	3								26-28				
35	NET MECH : Vibration Survey and Analysis						x	x	x	F2F (NR)	Kerteh	3,100	12	15	3											1-3	
36	NET MECH : Welding Inspection						x	x		F2F (NR)	INSTEP*	2,130	10	15	3				29-31								
37	NET MECH : Welding Technology		x		x	x			F2F (NR)	INSTEP*	2,610	10	15	4										17-20			

NET UPG: Electrical

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-6686 295 +019-3417 612 mbadiuzzaman.rusli@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
																Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	NET ELEC : Heating, Ventilation & Air Conditioning System (VILT)	x	x		x	x	x			VILT	MS Teams	2,790	5	10	3					24 - 26							
2	NET ELEC : Maintenance and Troubleshooting of Low Voltage Motor (VILT)	x	x		x	x	x			VILT	MS Teams	2,480	5	10	2			9 - 10									
3	NET ELEC : Portable Electrical Equipment and Temporary Installation (VILT)	x	x		x	x	x			VILT	MS Teams	2,480	5	10	2		23 - 24										
4	NET ELEC : Operation and Maintenance of Low Voltage Switchboard (VILT)	x	x	x	x	x	x	x		VILT	MS Teams	2,480	5	10	2					30 - 31							
5	NET ELEC : Pre- Commissioning and Commissioning of Electrical Equipment (VILT)	x	x	x		x	x	x	x	VILT	MS Teams	2,480	5	10	3			16 - 18									
6	NET ELEC : Motor Control System	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	3,620	5	10	4											21 - 24	
7	NET ELEC : High Voltage Switching and Generator Synchronizing Practice	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	6,910	5	10	Upon Request (Click to Enquire)												
8	NET ELEC : Low Voltage Switching and Generator Synchronizing Practice	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	5,280	5	10													
9	NET ELEC : Technical Trade Specialist (TTS) Preparatory	x	x	x					x	F2F (NR)	INSTEP*	3,620	5	10													
10	NET ELEC : Technical Trade Specialist (TTS) Assessment	x	x	x					x	F2F (NR)	INSTEP*	3,620	5	10													
11	NET ELEC : Condition-Based Monitoring of High Voltage Switchgears and Transformers		x	x			x	x	x	F2F (NR)	INSTEP*	3,620	5	10	4												5 - 8
12	NET ELEC : Electrical Protection System (VILT)		x	x		x	x	x		VILT	MS Teams	2,480	5	10	2			30 - 31									
13	NET ELEC : Earthing, Lightning & Cathodic Protection System (VILT)		x	x			x	x	x	VILT	MS Teams	2,790	5	10	3									5 - 7			
14	NET ELEC : Fire Alarm, Public Address & General Alarm System (VILT)		x	x			x	x	x	VILT	MS Teams	2,790	5	10	3								22 - 24				

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

NET UPG: Electrical

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-6686 295 +019-3417 612 mbadiuzzaman.rusli@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
																Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
15	NET ELEC : Generator Operation and Control System (VILT)		X	X			X	X	X	VILT	MS Teams	2,480	5	10	2						7 - 9			21 - 22			
16	NET ELEC : High Voltage System Switching		X	X			X	X	X	F2F (NR)	INSTEP*	3,220	5	10	3										1 - 3		
17	NET ELEC : Motor Operated Valve (MOV)		X	X		X	X	X	X	F2F (NR)	INSTEP*	2,310	5	10	2										15 - 16		
18	NET ELEC : Maintenance and Troubleshooting of AC & DC UPS System (VILT)		X	X			X	X	X	VILT	MS Teams	2,480	5	10	3							2 - 4					
19	NET ELEC : Operation and Maintenance of High Voltage Motor (VILT)		X	X			X	X	X	VILT	MS Teams	2,380	5	10	3									4 - 6			
20	NET ELEC : Operation and Maintenance of Solar Energy (VILT)		X	X			X	X	X	VILT	MS Teams	2,480	5	10	3						21 - 23			27 - 29			
21	NET ELEC : Power Management Practice (VILT)		X	X		X	X	X	X	VILT	MS Teams	2,480	5	10	2							13 -14					
22	NET ELEC : Power Electronics (VILT)			X	X	X	X	X	X	VILT	MS Teams	2,480	5	10	3							26 - 28					
23	NET ELEC : Soft Starter & Variable Speed Drive System (VSDS)			X			X	X	X	F2F (NR)	INSTEP*	3,220	5	10	3									25 - 27			
24	NET ELEC : Selection, Installation and Inspection of Ex Equipment (VILT)					X	X	X		VILT	MS Teams	2,480	5	10	2		16-17				29-30						

NET UPG: Instrumentation

Programme Leader: M Nazmi Mizan +609-6686 322 +017-9096 972 mnazmi.mizan@petronas.com		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
		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 INST : Control Valve I L1 (VILT)	x			x					VILT	MS Teams	1,750	5	15	2		21-22										
2	NET INST : Control Valve I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	2,040	5	15	2							1-2					
3	NET INST : Instrumented Safeguarding System I L1 (VILT)	x			x					VILT	MS Teams	1,750	5	15	2			21-22									
4	NET INST : Instrumented Safeguarding System I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	2,040	5	15	2								5-6				
5	NET INST : Process Control Theory and Application L1 (VILT)	x			x					VILT	MS Teams	1,750	5	15	2						13-14						
6	NET INST : Process Control Theory and Application L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	2,040	5	15	2								19-20				
7	NET INST : Process Measurement I L1 (VILT)	x			x					VILT	MS Teams	1,750	5	15	2							4-5					
8	NET INST : Process Measurement I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	2,040	5	15	2								14-15				
9	NET INST : Liquid and Gas Metering L2 (VILT)		x			x				VILT	MS Teams	1,750	5	15	2			28-29									
10	NET INST : Liquid and Gas Metering L2 (Practical Session)**		x			x				F2F (NR)	INSTEP*	2,040	5	15	2										14-15		

Note:

- Only selected** Instrumentation trainings from the list above will be delivered in mixed mode of Virtual Instructor-Led Training (VILT) and Face-to-Face (F2F) Experiential Learning.
- Please note that it is *compulsory* to attend VILT session prior to F2F Experiential Learning.
- For F2F Experiential Learning, please refer to the next page.

NET UPG: Instrumentation

Programme Leader: M Nazmi Mizan +609-6686 322 +017-9096 972 mnazmi.mizan@petronas.com		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
																Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
11	NET INST : Control Valve II, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3										11-13		
12	NET INST : Process Measurement II, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3										17-19		
13	NET INST : Instrumented Safeguarding System II L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3										17-19		
14	NET INST : Vibration Monitoring System, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3										8-10		
15	NET INST : Gas Chromatograph, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3								8-10				
16	NET INST : PID Tuning, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3											6-8	
17	NET INST : Quality Measuring Instrument, L2		x			x				F2F (NR)	INSTEP*	3,570	8	15	3							18-20					
18	NET INST : Gas Turbine and Control System -Solar-Turbotronic I, L2		x			x				F2F (NR)	Kuantan	4,390	10	15	4										21-24		
19	NET INST : GE Heavy Duty Gas Turbine, L2		x			x				F2F (NR)	Kuantan	4,390	10	15	4											19-22	
20	NET INST : Gas Detection System, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3											20-22	
21	NET INST : Programmable Logic Controller - Allen Bradley CLX5000, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3								15-17				
22	NET INST : Introduction to the Distributed Control System (DCS) Operation - Experion PKS for Process Operator, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3							25-27					
23	NET INST : Introduction to the Distributed Control System (DCS) Operation - Yokogawa CS 3000 for Process Operator, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3									13-15			
24	NET INST : Honeywell EPKS Engineering & Maintenance, L3			x			x			F2F (NR)	INSTEP*	4,630	8	15	4										10-13		
25	NET INST : Safety PLC- Tricon TMR, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3											6-8	
26	NET INST : Instrument Installation and Maintenance, L3			x			x			F2F (NR)	KL	4,400	8	15	3								23-25				
27	NET INST : Solar Turbine & Control System II, L3			x			x			F2F (NR)	Kuantan	4,390	10	15	4										14-17		
28	NET INST : ControlLogix System Maintenance & Troubleshooting, L3			x			x			F2F (NR)	INSTEP*	3,570	8	15	3							18-20					

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

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

Programme Leader: Raja Surida Binti Saiful Bahri +609-668 6346 +016-333 4094 rajasurida.sb@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	HSE TMP : Basic Fire Fighting (VILT)	VILT	MS Teams	730	10	15	1	Upon Request (Click to Enquire)											
2	HSE TMP : Basic First Aid (VILT)	VILT	MS Teams	730	10	15	1												
3	HSE TMP : Behavioral Safety (VILT)	VILT	MS Teams	1,170	10	15	2												
4	HSE TMP : CePSWaM Field Training Report Preparation Workshop (FTR) (VILT)	VILT	MS Teams	1,170	10	15	2												
5	HSE TMP : Chemical Spill Response and Clean-up (VILT)	VILT	MS Teams	730	10	15	1												
6	HSE TMP : Company Competent Gas Tester (CCGT) (VILT)	VILT	MS Teams	730	10	15	1												
7	HSE TMP : Emergency Management Program (EMP) (VILT)	VILT	MS Teams	1,170	10	15	2												
8	HSE TMP : Emergency Response Team (ERT) (VILT)	VILT	MS Teams	1,170	10	15	2												
9	HSE TMP : Energy Isolation(VILT)	VILT	MS Teams	730	10	15	1												
10	HSE TMP : Fire Watcher (VILT)	VILT	MS Teams	730	10	15	1												
11	HSE TMP : Fundamental of Environmental Management (VILT)	VILT	MS Teams	730	10	15	1												
12	HSE TMP : Fundamental of Process Safety (VILT)	VILT	MS Teams	730	10	15	1												
13	HSE TMP : Handling of Scheduled Waste (VILT)	VILT	MS Teams	730	10	15	1												
14	HSE TMP : Hands-on Application of BowTie XP Software for Conducting Risk Assessment	F2F (NR)	INSTEP*	3,400	10	15	2												
15	HSE TMP : Hands-on Experience in Using Bow Tie XP Software	F2F (NR)	INSTEP*	3,100	10	15	2												

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

Programme Leader: Raja Surida Binti Saiful Bahri +609-668 6346 +016-333 4094 rajasurida.sb@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
16	HSE TMP : Hazard and Effect Management Process (HEMP) (VILT)	VILT	MS Teams	1,610	10	15	3	Upon Request (Click to Enquire)											
17	HSE TMP : Job Hazard Analysis (JHA) (VILT)	VILT	MS Teams	730	10	15	1												
18	HSE TMP : Manual Handling (VILT)	VILT	MS Teams	730	10	15	1												
19	HSE TMP : Mercury Safety (VILT)	VILT	MS Teams	730	10	15	1												
20	HSE TMP : Noise & Hearing Conservation Awareness (VILT)	VILT	MS Teams	730	10	15	1												
21	HSE TMP : Personal Protective Equipment (PPE) (VILT)	VILT	MS Teams	730	10	15	1												
22	HSE TMP : PTW for Approving Authority (VILT)	VILT	MS Teams	730	10	15	1												
23	HSE TMP : PTW for Receiving Authority (VILT)	VILT	MS Teams	1,170	10	15	2												
24	HSE TMP : RA Tools Training (BowTie, HAZID, HAZOP, P-HAZOP and PASR Application) (VILT)	VILT	MS Teams	1,170	10	15	2												
25	HSE TMP : Rakan HSSE (VILT)	VILT	MS Teams	1,170	10	15	2												
26	HSE TMP : Root Cause Analysis (Incident Investigation) - 5 Why & Tripod Beta (VILT)	VILT	MS Teams	1,170	10	15	2												
27	HSE TMP : Safe Handling of Chemicals (SHOC) (VILT)	VILT	MS Teams	1,170	10	15	2												
28	HSE TMP : Safety and Health Committee (VILT)	VILT	MS Teams	730	10	15	1												
29	HSE TMP : Safety Leadership (VILT)	VILT	MS Teams	730	10	15	1												
30	HSE TMP : Working at Height & Rescue	F2F (NR)	INSTEP*	1,360	10	15	2												
31	HSE TMP : Working at Height Awareness (VILT)	VILT	MS Teams	730	10	15	1												

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

Programme Leader: Elias Bin Abllah +6012-7176 903 elias.abllah@petronas.com.my		Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	HSE TMP : Marine For Non-Mariners (VILT)	VILT	MS Teams	530	10	25	2	12-13 26-27	9-10 23-24	9-10 23-24	6-7 27-28	11-12 25-26	8-9 22-23						
2	HSE TMP : Marine For Non-Mariners	F2F (NR)	Kerteh	2,370	10	25	3							5-7	9-11	6-8	4-6	8-10	6-8
3		F2F (NR)	Labuan	2,370	10	25	3							19-21	23-25	20-22	18-20	22-24	13-15

NET UPG: General Studies

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609-6686 295 +019-3417 612 mbadiuzzaman.rusli@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
English Empowerment for NET																			
1	NET GS : English Writing Empowerment for NET	F2F (NR)	INSTEP*	1,940	8	15	3										4 - 6	8 - 9	
2	NET GS : English Writing Empowerment for NET (VILT)	VILT	MS Teams	1,740	5	15	3					24 -26			9 - 11				
3	NET GS : English Speaking Empowerment for NET	F2F (NR)	INSTEP*	1,940	8	15	3									6 - 8			6 - 8
4	NET GS : English Speaking Empowerment for NET (VILT)	VILT	MS Teams	1,740	5	15	3						14 - 16	26 - 28					

Programme Leader: M Nazmi Mizan +609-6686 322 +017-9096 972 mnazmi.mizan@petronas.com		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
3PLAY Onboarding Programme																			
5	NET GS : 3PLAY Onboarding Programme for Beginners (VILT)	VILT	MS Teams	1,200	10	20	2						21-22						
6	NET GS : 3PLAY Onboarding Programme for Beginners OFWP & MFWP Practitioners (VILT)	VILT	MS Teams	1,800	10	20	4										17-20		

Assessment & Certification (A&C)



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

Programme Leader : Siti Suhaili Shuib +609-668 6150 +6013-586 8208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee** (RM) (Fee is Inclusive of Assessment)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Advanced Pigging Operation Certification Scheme (APOCS)																			
1	A&C : Advanced Pigging Operation Certification Scheme (APOCS)	F2F (NR)	INSTEP*	7,000	10	20	5	23-27	20-24	13-17			12-16	17-21		18-22		13-17	18-22
2	A&C : APOCS Reassessment	F2F (NR)	INSTEP*	1,410	5	5	2	Upon Request (Click to Enquire)											
Upstream Panel Operator Certification Programme (UPOCP)																			
1	A&C : UPOCP: Control Room Operator – Emergency Response Preparedness (CRO-ERP)	F2F (NR)	INSTEP*	7,000	6	6	3		7-9	28-30			13-15		8-10		3-5		6-8
2	A&C : UPOCP: CRO-ERP Reassessment	F2F (NR)	INSTEP*	1,800	5	5	3	Upon Request (Click to Enquire)											
3	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	PMA Kerteh	2,650	10	14	4	10-13		6-9				3-6			16-19		
4	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	SKO Miri	3,080	10	11	4		14-17				27-30			26-29			
5	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	SBA KK	3,150	10	15	4			21-14		23-26			15-18				19-22
6	A&C : UPOCP: Operator Training Simulator (OTS) Assessment (VILT)	VILT	MS Teams	4,870	4	6	4	Upon Request (Click to Enquire)											
7	A&C : UPOCP: OTS Reassessment (VILT)	VILT	MS Teams	1,500	4	6	1												
8	A&C : UPOCP: OTS Reassessment	F2F (NR)	INSTEP*	1,650	5	5	4												
9	A&C : UPOCP: OTS Training of Trainer (TOT)	F2F (NR)	INSTEP*	1,830	12	20	3	10-12											
ProAssure Composite Wrap Design & Installation																			
1	A&C : ProAssure Composite Wrap Design & Installation (Level 1) (VILT)	VILT	MS Teams	1,000	10	20	1		17		12		13		1		17	21	
2	A&C : ProAssure Composite Wrap Design & Installation (Level 2 & 3)	F2F (NR)	INSTEP*	3,900	10	20	2	Upon Request (Click to Enquire)											

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

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : POTCP 01 - Distributed Control System (DCS)	F2F (NR)	INSTEP*	2,840	11	15	3							19-21		20-22	04-06	08-10	
2	A&C : POTCP 02 - Process Control	F2F (NR)	INSTEP*	2,840	11	15	3								02-04		18-20	29-01	
3	A&C : POTCP 03 - Process Troubleshooting	F2F (NR)	KL	3,110	12	20	2							13-14	10-11				
4	A&C : POTCP 04 - Plant Operation Practice	F2F (NR)	KL	3,110	12	20	2										12-13	16-17	
5	A&C : POTCP 05 - Process Safety Practice	F2F (NR)	KL	3,110	12	20	2							25-26				21-22	
6	A&C : POTCP 03 - Process Troubleshooting (VILT)	VILT	MS Teams	1,910	12	15	2			09-10			15-16						
7	A&C : POTCP 04 - Plant Operation Practice (VILT)	VILT	MS Teams	1,910	12	15	2					18-19							
8	A&C : POTCP 05 - Process Safety Practice (VILT)	VILT	MS Teams	1,910	12	15	2						20-21						

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

Programme Leader : Siti Suhaili Shuib +609-668 6150 +6013-586 8208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : Vessel Familiarisation & Shipshore Safety Checklist	F2F (NR)	Melaka/ Kertih	3,930	7	10	4	Upon Request (Click to Enquire)											
2	A&C : Vessel Familiarisation & Shipshore Safety Checklist (knowledge level) (VILT)	VILT	MS Teams	1,050	5	15	2												

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

Programme Leader : Siti Suhaili Shuib +609-668 6150 +6013-586 8208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C: Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process)- CePIETSO BP	F2F (NR)	INSTEP*	5,000	13	24	5	9-13 23-27	13-17	20-24		22-26	19-23	3-7	31/7-4/8 21-25	18-22	2-6 30/10-3/11	20-24	11-15

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

Programme Leader : Suhaili Hamah Muding-Muhamad +609-668 6065 +6010-236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : PESITAS: ICE Driver Grade 2 & 1 (VILT)	VILT	MS Teams	1,770	10	20	3		14-16	8-10		9-11	14-16	4-6	16-18	6-8	11-13		
2	A&C : PESITAS: ICE Driver Grade 2 & 1	F2F (NR)	KL	3,220	10	20	3								22-24	20-22	17-19	14-16	
3	A&C : PESITAS: ICE Engineer Grade 2 & 1 (VILT)	VILT	MS Teams	2,210	9	20	4		7-10	14-17		23-26	20-23	18-21					
4	A&C : PESITAS: ICE Engineer Grade 2 & 1	F2F (NR)	KL	4,310	9	20	4								8-11	26-29	3-6		
5	A&C : PESITAS: Preparatory for ICE Driver Grade 2 & 1 (Oral)	F2F (NR)	KL/Kerteh/INSTEP*	2,040	6	20	2	Upon Request (Click to enquire)											
6	A&C : PESITAS: Preparatory for ICE Driver Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	1,330	6	20	2												
7	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	1,330	6	20	2									28-29			
8	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Paper B) (VILT)	VILT	MS Teams	1,330	6	20	2											1-2	
9	A&C : PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral)	F2F (NR)	KL/Kerteh/INSTEP*	2,270	6	20	2	Upon Request (Click to enquire)											
10	A&C : PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	1,330	6	20	2												
11	A&C : PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	1,330	6	20	2								29-30				
12	A&C : PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Paper B) (VILT)	VILT	MS Teams	1,330	6	20	2										26-27		
13	A&C : PESITAS: Preparatory for Steam Boiler/ICE Engineer Grade 2 & 1 (Part A)	F2F (NR)	KL/Kerteh/INSTEP*	3,530	8	20	5	Upon Request (Click to enquire)											
14	A&C : PESITAS: Preparatory for Steam Boiler/ICE Engineer Grade 2 & 1 (Part A) (VILT)	VILT	MS Teams	1,330	8	20	5												
15	A&C : PESITAS: Steam Boiler Driver Grade 2 & 1 (VILT)	VILT	MS Teams	1,770	10	20	3		21-23	21-23		30/05-01/06	25-27	2-4	12-14		7-9		
16	A&C : PESITAS: Steam Boiler Driver Grade 2 & 1	F2F (NR)	KL/Kerteh/INSTEP*	3,390	10	20	3								9-11	27-29	18-20		
17	A&C : PESITAS: Steam Boiler Engineer Grade 2 & 1 (VILT)	VILT	MS Teams	2,210	9	20	4		14-17				13-16			19-22			
18	A&C : PESITAS: Steam Boiler Engineer Grade 2 & 1	F2F (NR)	KL/Kerteh/INSTEP*	4,700	9	20	4								22-25	17-20		21-24	

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

A&C: Mechanical & Inspection (M&I) – PMS, PRBI, ICML, ASNT & MIBOC

Programme Leader : Suhaili Hamah Muding-Muhamad +609-668 6065 +6010-236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
PMS: Internal Regulator Competency Programme (IRCP)																			
1	A&C : IRCP: Compliance to FMA 1967 and Regulations (VILT)	VILT	MS Teams	1,320	10	20	2		23-24		13-14			13-14		7-8			
2	A&C : IRCP: Compliance to Regulations Under OSHA 1994 (VILT)	VILT	MS Teams	1,320	10	20	2		9-10	9-10			8-9		10-11				
3	A&C : IRCP: ISO 45001:2018 Lead Auditor (IRCA & CQI Certified) (VILT)	VILT	MS Teams	4,700	10	12	5			21-25		9-13	13-17		8-12		10-14	7-11	
4	A&C : IRCP: Plant Management System (PMS)(VILT)	VILT	MS Teams	2,700	10	15	4					23-26				5-8			
5	A&C : IRCP: Plant Management System (PMS)	F2F (NR)	INSTEP*	4,300	10	15	4										17-20	28/11 - 1/12	
6	A&C : IR Competency Assessment	F2F (NR)	INSTEP*	1,540	7	15	1	Upon Request (Click to enquire)											
7	A&C : IR Competency Assessment (VILT)	VILT	MS Teams	420	7	15	1												
8	A&C : IRCP: ISO 45001:2018 Awareness	F2F (NR)	KL / INSTEP*	1,230	10	20	2			15-16					3-4				
PETRONAS Risk Based Inspection (PRBI)																			
1	A&C : PRBI User Certification Programme	F2F (NR)	KL	3,200	10	15	2						29-30						1-2
2	A&C : PRBI User Certification Programme Reassessment	F2F (NR)	KL	1,080	5	5	1	Upon Request (Click to Enquire)											
International Council for Machinery Lubrication (ICML)																			
1	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level I	F2F (NR)	INSTEP*	5,530	10	15	4								15-18				
2	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level II	F2F (NR)	INSTEP*	6,020	10	15	4									5-8			
3	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level III (VILT)	VILT	MS Teams	7,100	10	15	4						20-23						
American Society for Non-Destructive Testing (ASNT)																			
1	A&C : SNT-TC-1A Ultrasonic Testing (UT) Certification - Level I	F2F (NR)	INSTEP*	4,640	10	15	5							25-29					
Mobius Institute Board Of Certification (MIBOC)																			
1	A&C : Vibration Certification Programme Entry - CAT I (VILT)	VILT	MS Teams	7,620	10	15	4			14-17									
2	A&C : Vibration Certification Programme Intermediate - CAT II	F2F (NR)	INSTEP*	8,490	10	15	5							22-26					
3	A&C : Vibration Certification Program Advanced - CAT III	F2F (NR)	INSTEP*	9,980	10	15	5											14-18	

- Course fee stated above EXCLUDES tax
- All INSTEP programmes are NOT HRD CORP CLAIMABLE effective 01 April 2021 until further notice

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

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : IECEx Unit Ex001 Competency Training Programme (VILT)	VILT	MS Teams	1,800	5	16	3			29 - 31			28-30						
2	A&C : IECEx Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	4,950	5	10	2								29- 30			29-30	
3	A&C : IECEx Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	8,430	5	11	4										10-13		
4	A&C : IECEx Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	11,650	5	13	5								07-11		16-20		
5	A&C : IECEx Unit Ex001, Ex004, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	11,650	5	14	5											13-17	
6	A&C : IECEx Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	8,850	5	12	4							11-14					
7	A&C : IECEx Unit Ex001 & Ex009 Competency Training Programme & Assessment **	F2F (NR)	KL	9,690	5	15	4										31/10 – 03/11		
8	A&C : IECEx Refresher (Exclude Examination)	F2F (NR)	INSTEP*	670	N/A		N/A	Upon Request (Click to Enquire)											

Note:

1. Fee is inclusive of Assessment**
2. Assessment Date is subject to SIRIM's Availability

A&C: Electrical – Chargeman Programme

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my				Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTF)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : A0 Chargeman	F2F (NR)	INSTEP*	15,030	15	20	80														
2	A&C : A4 Chargeman	F2F (NR)	INSTEP*	18,730	13	20	100														
3	A&C : B0 Chargeman	F2F (NR)	INSTEP*	20,990	10	20	100														
4	A&C : B4 Chargeman	F2F (NR)	INSTEP*	22,830	10	20	100														
5	A&C : Low Voltage Overhead Lines	F2F (NR)	INSTEP*	4,690	12	20	10														
6	A&C : High Voltage Overhead Lines	F2F (NR)	INSTEP*	6,980	12	20	13														
7	A&C : Low Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	5,430	N/A		10	Upon Request (Click to Enquire)													
8	A&C : High Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	6,480			10														
9	A&C : Refresher & Referral Examination	F2F (NR)	INSTEP*	2,580			6														
10	A&C : Referral Examination	F2F (NR)	INSTEP*	510			1														

A&C: Instrumentation

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : Certified Personnel for Metering Validation And Calibration Competency Programme	F2F (NR)	INSTEP*	6,110	4	8	5							31-04		18-22			18-22
2	A&C : Instrument Fitter	F2F (NR)	INSTEP*	4,310	4	8	4											28-01	

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

Programme Leader : Suhaili Hamah Muding- Muhamad +609-668 6065 +6010-236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : Authorised Entrant and Standby Person for Confined Space	F2F (NR)	INSTEP*	870	10	20	2	Upon Request (Click to enquire)											
2	A&C : Authorised Entrant and Standby Person for Confined Space – Refresher	F2F (NR)	INSTEP*	520	20	20	1												

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

Programme Leader : Siti Suhaili Shuib +609-668 6150 +6013-586 8208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : Certified Environmental Professional in Scheduled Waste Management (CePSWaM)	F2F (NR)	INSTEP*	3,750	10	35	5			13-17				24-28				13-17	
		F2F (NR)	Kuala Lumpur/ Selangor	3,750	10	35	5	24-28	14-18	28/3-1/4		30/5-3/6		4-8	22-26	19-23	10-14	21-25	12-16
		F2F (NR)	Johor Bharu	3,750	10	35	5		20-24			22-26			14-18		2-6		19-23
		F2F (NR)	Kuantan	3,750	10	35	5						27/6-1/7				17-21		
		F2F (NR)	Penang	3,750	10	35	5			7-11				18-22					5-9
		F2F (NR)	Kota Kinabalu	3,750	10	35	5			21-25					8-12				
		F2F (NR)	Miri	3,750	10	35	5						13-17			5-9			

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

Programme Leader: Nurul Nadia Mohamad Sabry +609-669 6000 +019-522 6554 nurulnadia.mohamads@petronas.com		Level	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : PCSB Permit to Work (PTW) Level 3 - New Candidate	3	F2F (NR)	Kerteh/ KL/ Kota Kinabalu/ Miri	1,370	15	25	3	Upon Request (Click to Enquire)											
2	A&C : PCSB Permit to Work (PTW) Level 3 - New Candidate (VILT)	3	VILT	MS Teams	700	20	25	3		7-9	15-17	4-6	23-25	13-15	12-14	1-3	26-28	17-19	7-9	13-15
3	A&C : PCSB Permit to Work (PTW) Level 3 - Refresher	3	F2F (NR)	Kerteh/ KL/ Kota Kinabalu/ Miri	650	15	25	1	Upon Request (Click to Enquire)											
4	A&C : PCSB Permit to Work (PTW) Level 3 - Refresher (VILT)	3	VILT	MS Teams	424.53	10	20	1	19 20 26 (2 sessions) 27 (2 sessions)	9 10 16 (2 sessions) 17 (2 sessions)	8 9 15 16	4 6 12 13	11 (2 sessions) 12 (2 sessions) 23 24 30 31	1 2 8 9 15 16 22 23	6 (2 sessions) 7 (2 sessions) 18 19 25 26	3 4 10 11 17 18 24 25	7 8 14 15 21 22 28 29	5 6 12 13 19 20 26 27	2 3 9 10 16 17 23 24	7 8 14 15 21 22

A&C: PECAS – Training Programme

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my			Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : e-PECAS Training	F2F (NR)	INSTEP*		850	11	18	1	Upon Request (Click to Enquire)											
2	A&C : e-PECAS Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak		1,490	11	18	1												
3	A&C : e-PECAS Training (VILT)	VILT	MS Teams		900	10	15	1												
4	A&C : PECAS Training for Candidate	F2F (NR)	INSTEP*		1,420	12	18	2												
5	A&C : PECAS Training for Candidate	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak		2,480	12	18	2												
6	A&C : PECAS Training for Candidate (VILT)	VILT	MS Teams		1,340	10	15	2												
7	A&C : PECAS Training	F2F (NR)	INSTEP*		1,520	14	20	2							6-7					
8	A&C : PECAS Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak		2,530	14	20	2							27-28	8-9 17-18	7-8 13-14	10-11 19-20	9-10 23-24	7-8 14-15
9	A&C : PECAS Training (VILT)	VILT	MS Teams		1,560	10	15	2		9-10 23-24	16-17 23-24		16-17 25-26	8-9 22-23						
10	A&C : PECAS Refresher Training	F2F (NR)	INSTEP*		640	14	20	1	Upon Request (Click to Enquire)											
11	A&C : PECAS Refresher Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak		1,190	14	20	1												
12	A&C : PECAS Refresher Training (VILT)	VILT	MS Teams		900	10	15	1												

A&C: PECAS – Training Programme

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
								Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
13	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing + Interview)	F2F (NR)	INSTEP*	2,640	4	8	2							20-21					
14	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing + Interview)	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	3,880	4	8	2								24-25		26-27		21-22
15	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing + Interview) (VILT)	VILT	MS Teams	2,520			2			30-31									
16	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing)	F2F (NR)	INSTEP*	560	14	20	1	Upon Request (Click to Enquire)											
17	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing)	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	930	14	20	1												
18	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	INSTEP*	1,650	8	8	1												
19	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	2,440	8	8	1												

Others : PETRONAS Assurance Delivery Excellence (PADEX)

Programme Leader: W M Sabri W Yahya +609-668 6070 +6013-948 9411 sabri.yahya@petronas.com.my		M Zawawi Zani +609-668 6269 +6017-258 2880 Zawawi.zani@petronas.com.my	Prog. Type	Venue	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	PETRONAS Assurance Delivery Excellence (PADEX) (VILT)		VILT	MS Teams	1,900	20	30	4		7-10 21-24	7-10 21-24 28-31	11-14	9-12 23-26	13-16 20-23 27-30	18-21 25-28	8-11 22-25	5-8 19-22	3-6 17-20	7-11 21-24	5-8

Note:

- For enrolment and nomination, please fill in the nomination form and email to mursyida_razif@petronas.com.my (IAU) and sabri.yahya@petronas.com.my & zawawi.zani@petronas.com.my (INSTEP).
- Nomination form can be obtained from the IAU Portal (<https://mypetronas.com/grm/iau/forms>).
- INSTEP PADEX Team will contact the nominated participants directly for training enrolment.

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