

Learning Calendar 2022

PETRONAS Group Edition

Rev3 | Mar22

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**

HRD Corp Claimable

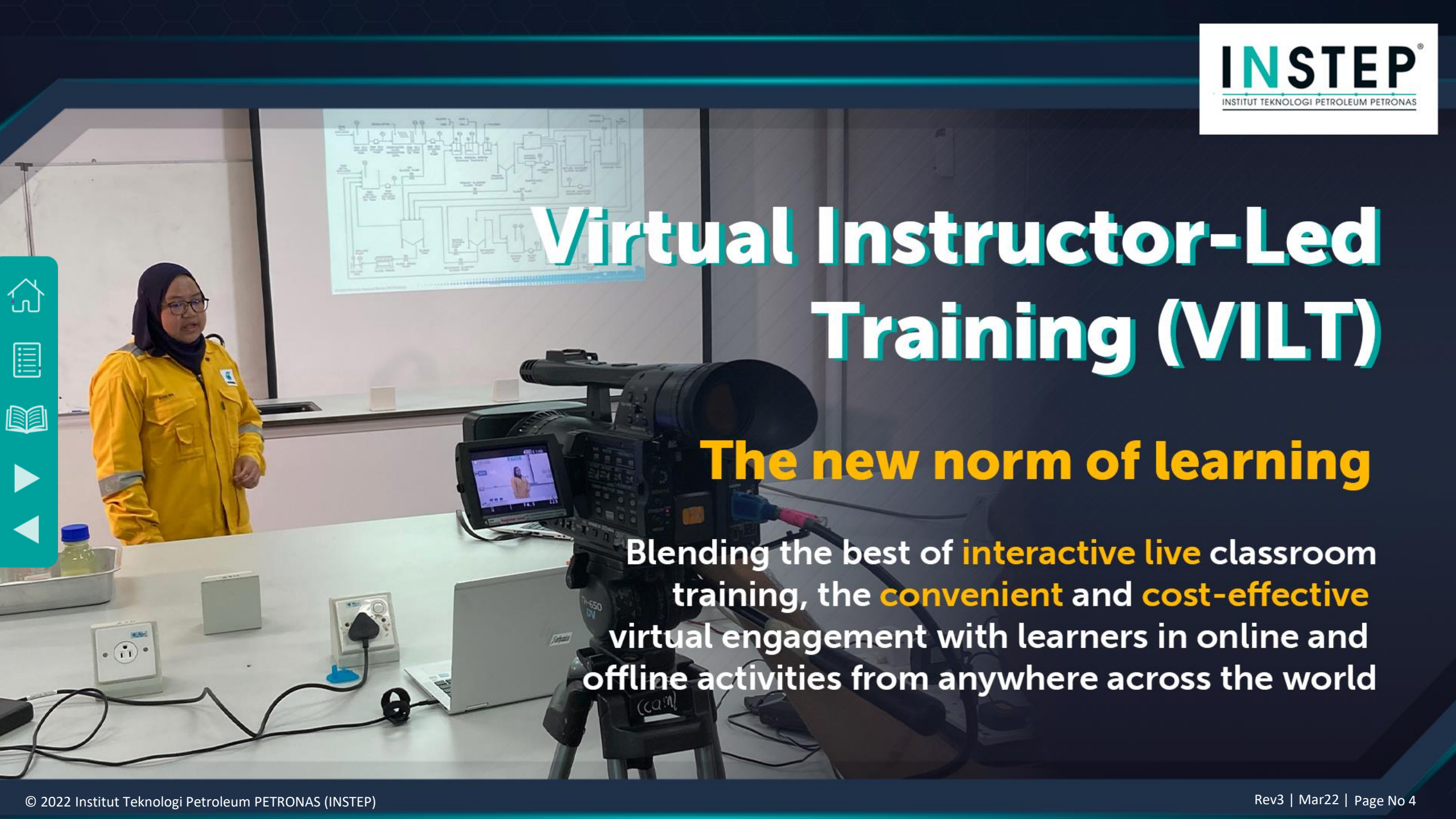
Selected INSTEP programmes are now **HRD Corp Claimable** and **more** will be registered and updated from time to time



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

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

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



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



NEW PROGRAMME



UPDATED DATE



UPDATED FEE

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



Skill Group (SKG)

NET Upgrading (NET UPG)

Assessment & Certification (A&C)

Others

Page Programme

11	SKG09: Geoscience	
13	SKG10: Petroleum Engineering	
16	SKG11: Civil & Pipeline Engineering	UPDATED DATE
19	SKG12: Mechanical Engineering	NEW PROGRAMME UPDATED DATE UPDATED FEE
22	SKG13: Electrical Engineering	UPDATED DATE
23	SKG14: Instrumentation & Control	UPDATED DATE
24	SKG15: Materials, Corrosion & Inspection Engineering	
26	SKG16: Process Operations	NEW PROGRAMME UPDATED DATE
35	SKG18: Health, Safety & Environment Programme	
37	SKG19: Project Management	
39	SKG25: Drilling	UPDATED DATE UPDATED FEE
42	NET UPG: Petroleum Industry Programme (PIP)	
43	NET UPG: Process & Analytical (P&A) – Process Operations	NEW PROGRAMME UPDATED DATE
45	NET UPG: Process & Analytical (P&A) – Laboratory	NEW PROGRAMME UPDATED DATE
46	NET UPG: Civil	
47	NET UPG: Mechanical & Inspection (M&I)	
49	NET UPG: Electrical	UPDATED DATE
51	NET UPG: Instrumentation	UPDATED DATE
53	NET UPG: Health, Safety & Environment (HSE) – HSE Training Matrix Programme	UPDATED DATE
56	NET UPG: General Studies – English Empowerment for NET	
58	A&C: Exploration & Production (E&P) Special Project	
59	A&C: Process & Analytical (P&A) – Panel Operator Training & Certification Programme (POTCP)	
60	A&C: Process & Analytical (P&A) – Vessel Familiarisation & Shipshore Safety Checklist	
61	A&C: Process & Analytical (P&A) – CePIETSO (BP)	
62	A&C: Mechanical & Inspection (M&I) – PESITAS	
63	A&C: Mechanical & Inspection (M&I) – PMS, PRBI, ICML, ASNT & MIBOC	
64	A&C: Electrical – IECEx Competency Training Programme & Assessment	
65	A&C: Electrical – Chargeman Programme	
66	A&C: Instrumentation	
67	A&C: Health, Safety & Environment (HSE) – Authorised Entrant and Standby Person for Confined Space (AESP)	
68	A&C: Health, Safety & Environment (HSE) – CePSWaM	
69	A&C: Health, Safety & Environment (HSE) – Tripod Beta	NEW PROGRAMME
70	A&C: Health, Safety & Environment (HSE) – PCSB Permit to Work (PTW) Level 3	UPDATED DATE
71	A&C: PECAS Training Programme	
73	Others: PETRONAS Assurance Delivery Excellence (PADEX)	
74	Others: Root-Cause Analysis (RCA) Certification Programme	
76	Upstream Commercial Academy (UCA)	
77	3PLAY Onboarding Programme	



Clickable content for
quick access to programme

Skill Group (SKG)



SKG09: Geoscience

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

SKG09: Geoscience

Programme Leader: M Hafiz Khairudin +609-668 6102 +6017-582 8368 mhafiz.khairudin@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Reservoir Geoscience																					
17	SKG09 : Advance Reservoir Geophysics Characterisation, L3	3	F2F (NR)	KL	Coming Soon	3,180	7	15	5					23-27							
18	SKG09 : Advanced Time Depth Conversion and Velocities Analysis, L3	3	F2F (NR)	KL	Yes	3,120	5	15	4								12-15				
19	SKG09 : Integrated Reservoir Modeling School (IRMS), L3	3	F2F (NR)	KL	Yes	2,660	8	15	7						27/6-4/7						
20	SKG09 : Reservoir Mapping and Hydrocarbon Resource Assessment & Risk Analysis, L3	3	F2F (NR)	KL	Yes	5,910	8	15	10										31/10-11/11		
21	SKG09 : Sedimentology, L3	3	F2F (R)	Bintulu, Miri & Kota Kinabalu	Coming Soon	18,650	14	15	12											21/11-2/12	
Geophysics																					
22	SKG09 : Basic Seismic Data Acquisition & Processing, L2	2	F2F (NR)	KL	Coming Soon	3,360	6	15	5					30/5-3/6							
23	SKG09 : Inversion Theory, Seismic Imaging and Modeling, L2	2	F2F (NR)	KL	Coming Soon	2,340	5	15	3							25-27					
24	SKG09 : Multi-Component & 4D/Time-Lapse Seismic Data Acquisition & Processing, L2	2	F2F (NR)	KL	Coming Soon	2,610	5	15	3								22-24				
25	SKG09 : Wave Theory & Geophysical Method (Plus Survey Design), L2	2	F2F (NR)	KL	Coming Soon	3,320	5	15	5									26-30			
26	SKG09 : Advanced Wave Theory, Seismic Data Processing & Inversion Theory, L3	3	F2F (NR)	KL	Coming Soon	3,360	6	15	5							18-22					
27	SKG09 : Quantitative Interpretation : Advanced Geophysics Interpretation, L3	3	F2F (NR)	KL	Coming Soon	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	HRD Corp Claimable	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	Coming Soon	12,830	10	20	12									17 - 28			
Petrophysics																								
2	SKG10 : Basic Clastic Petrophysical Analysis, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,430	5	20	3	Upon Request (Click to Enquire)											
3	SKG10 : Basic Rock Physics, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,520	5	20	5												
4	SKG10 : Cased Hole Log Interpretation, L2				2	F2F (NR)	Kemaman	Coming Soon	4,780	8	20	5										14 - 18		
5	SKG10 : Complex Lithology Interpretation, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,430	5	20	4	Upon Request (Click to Enquire)											
6	SKG10 : Fundamental of Petrophysics, L2 (VILT)				2	VILT	MS Teams	Yes	1,520	5	20	5			7 - 11									
7	SKG10 : Geology For Non-Geologist, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,520	5	20	4						18 - 21						
8	SKG10 : Image Log Analysis and Fractured Reservoir Evaluation, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,520	5	20	5	Upon Request (Click to Enquire)											
9	SKG10 : LWD Principles & Application, L2 (VILT)				2	VILT	MS Teams	Yes	1,520	5	20	4							15 - 18					
10	SKG10 : Integrated Reservoir Petrophysics, L3 (VILT)				3	VILT	MS Teams	Coming Soon	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	Coming Soon	1,590	5	20	5	Upon Request (Click to Enquire)											
12	SKG10 : Petroleum Contract, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,430	5	20	3												
13	SKG10 : Petroleum Economics System Appreciation, L2				2	F2F (NR)	KL	Coming Soon	2,100	8	20	3									17 - 19			
14	SKG10 : Practices of Petroleum Economics I, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,430	5	20	3		15 - 17										
15	SKG10 : Risk and Uncertainty in Petroleum Valuation, L3 (VILT)				3	VILT	MS Teams	Coming Soon	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	HRD Corp Claimable	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	Coming Soon	1,430	5	20	3	Upon Request (Click to Enquire)											
17	SKG10 : Fluid Sampling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,430	5	20	3					14 - 16							
18	SKG10 : Formation Damage & Matrix Treatment Technology, L2 (VILT)	2	VILT	MS Teams	Yes	2,050	5	20	10							19 -30					
19	SKG10 : Production Analysis in Flow System, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,740	5	20	5							5 - 9					
20	SKG10 : Production Chemistry, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,180	5	20	5								10 - 14				
21	SKG10 : Production Enhancement I, L2 (VILT)	2	VILT	MS Teams	Yes	1,520	5	20	5						18-22						
22	SKG10 : Production Geochemistry, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,420	5	20	2	Upon Request (Click to Enquire)											
23	SKG10 : Sand Management & Control, L2	2	F2F (NR)	Kemaman	Coming Soon	6,300	8	20	5												
24	SKG10 : Water Injection Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,960	5	20	5												
25	SKG10 : Well Completion Design I, L2	2	F2F (NR)	Kemaman	Yes	5,860	5	20	5							22 - 26					
26	SKG10 : Advanced ESP and PCP Design & Operations, L3	3	F2F (NR)	Johor Bahru/KL	Yes	8,990	8	20	5	Upon Request (Click to Enquire)											
27	SKG10 : Advanced Gas Lift & Field Modelling, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,870	5	20	5									31/10 - 4/11			
28	SKG10 : Advanced Hydraulic Fracturing, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,520	5	20	5	Upon Request (Click to Enquire)											
29	SKG10 : Advanced Scale & Corrosion Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,740	5	20	5												
30	SKG10 : Production Enhancement II, L3 (VILT)	3	VILT	MS Teams	Yes	1,870	5	20	5												
31	SKG10 : Well Completion Design II, L3 (VILT)	3	VILT	MS Teams	Yes	1,520	5	20	5										21 - 25		

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohadamuaz.abdrasi@petronas.com.my					Level	Prog. Type	Venue	HRD Corp Claimable	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	Coming Soon	3,110	8	20	3										10 - 12					
33	SKG10 : Petroleum Fluid Analysis, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,870	5	20	4	Upon Request (Click to Enquire)														
34	SKG10 : Practical of Well Testing, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,960	5	20	5															
35	SKG10 : Practices of Reservoir Engineering, L2 (VILT)	2	VILT	MS Teams	Yes	3,360	10	20	9								8 - 18		17 - 27					
36	SKG10 : RE for Non-RE, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,430	5	20	3							25 - 27								
37	SKG10 : Reservoir Management & Surveillance, L2	2	F2F (NR)	KL	Coming Soon	3,220	10	20	5									26 - 30			28/11 - 2/12			
38	SKG10 : Rock Properties, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,790	5	20	5	Upon Request (Click to Enquire)														
39	SKG10 : Complex Fluid, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,610	5	20	3															
40	SKG10 : Gas Reservoir Engineering, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,400	5	20	5											14 - 18				
41	SKG10 : Integrated Field Development Planning, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,960	5	20	5	Upon Request (Click to Enquire)														
42	SKG10 : Reservoir Characterisation & Simulation, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,140	5	20	5															
43	SKG10 : Secondary Recovery Process, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,870	5	20	5											19-23				

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	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG11 : CS1-1 Soil Investigation, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Yes	1,250	5	15	1		9		7								
2	SKG11 : CS1-2 Project Feasibility Study, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	1,250	5	15	1		10			13							
3	SKG11 : CS1-3 Foundation Design, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Yes	1,250	5	15	1		16			12							
4	SKG11 : CS1-4 Welding and Material Technology, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Yes	1,250	5	15	1		17			6							
5	SKG11 : CS1-6 Pipeline Engineering, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	1,250	5	15	1			3			22						
6	SKG11 : CS1-7 Construction Technology, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	1,250	5	15	1			10			23						
7	SKG11 : CS1-8 Inspection & Maintenance, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Yes	1,250	5	15	1			17			27						
8	SKG11 : CS1-9 Metocean (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	1,250	5	15	1			2			28						
9	SKG11 : CS1-10 Basic Training for Excavation Works Supervision (VILT)		1	VILT	MS Teams	Yes	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	Coming Soon	1,250	5	15	1					19							
11	SKG11 : CS1-12 Structure Integrity - Offshore, L1 (VILT)		1	VILT	MS Teams	Coming Soon	1,250	5	15	1						20						
12	SKG11 : CS1-13 Structure Design - Onshore, L1 (VILT)		1	VILT	MS Teams	Coming Soon	1,250	5	15	1						21						
13	SKG11 : CS1-14 Structure Integrity - Onshore, L1 (VILT)		1	VILT	MS Teams	Coming Soon	1,250	5	15	1						22						
14	SKG11 : CS1-15 Floating Structure, L1 (VILT)		1	VILT	MS Teams	Coming Soon	1,250	5	15	1						23						
15	SKG11 : CS2-1 Soil Investigation, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2						27 - 28						
16	SKG11 : CS2-2 Project Feasibility Study, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2						29 - 30						
17	SKG11 : CS2-3 Structure Design - Offshore, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2							6 - 7					
18	SKG11 : CS2-4 Structure Integrity - Offshore, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2							20 - 21					
19	SKG11 : CS2-5 Structure Design Onshore, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2							25 - 26					
20	SKG11 : CS2-6 Structure Integrity Onshore, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2							27 - 28					

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG11: Civil & Pipeline Engineering

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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
												Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
39	SKG11 : PL2-7 Onshore Pipeline Design, L2 (VILT)	UPDATED DATE	2	VILT	MS Teams	Yes	1,540	5	15	2			21-22			20 - 21							
40	SKG11 : PL2-8 Pipeline Integrity Core Technology, L2 (VILT)	UPDATED DATE	2	VILT	MS Teams	Yes	1,540	5	15	3		22 - 24				7 - 9							
41	SKG11 : PL2-10 Pipeline Coating & Lining, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2					25 - 26								
42	SKG11 : PL2-11 Cathodic Protection Design, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2					23 - 24								
43	SKG11 : PL2-12 Pipeline Life Extension, L2 (VILT)		2	VILT	MS Teams	Coming Soon	1,540	5	15	2					30 -31								
44	SKG11 : PL3-1 HP/HT Pipeline & Risers, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2							3 - 4						
45	SKG11 : PL3-2 Deep & Ultradeep Pipeline & Riser, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2							8 - 9						
46	SKG11 : PL3-3 Advanced Engineering Analysis, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2							10 -11						
47	SKG11 : PL3-4 Geo-Hazards & ROW Design, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2							15 -16						
48	SKG11 : PL3-5 Advanced Pipeline & Riser Material, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2							17 - 18						
49	SKG11 : PL3-6 Advanced Pipeline Repair, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2					1 - 2								
50	SKG11 : PL3-7 Arctic Pipelines, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2							5 - 6						
51	SKG11 : PL3-8 Advanced Risk Based Inspection, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2					8 - 9								
52	SKG11 : PL3-9 Advanced Fitness for Service Assessments, L3 (VILT)		3	VILT	MS Teams	Yes	1,540	5	15	2					15 - 16								
53	SKG11 : PL3-10 Deepwater Pipeline/ Riser Inspection, Maintenance & Repair, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2					13 -14								
54	SKG11 : PL3-11 Deepwater & Flexible Pipeline/ Riser Design, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2								7 - 8					
55	SKG11 : PL3-12 Limit State Design - Onshore, L3 (VILT)		3	VILT	MS Teams	Coming Soon	1,540	5	15	2								12 - 13					

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my					Level	Prog. Type	Venue	HRD Corp Claimable	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	Coming Soon	2,650	8	20	2					18-19							
2	SKG12.1 : Condition Monitoring of Rotating Equipment, L2				2	F2F (NR)	KL	Coming Soon	3,290	8	20	3			14-16									
3	SKG12.1 : DOMI of Compressors & Blowers, L2 UPDATED DATE				2	F2F (NR)	KL	Yes	3,290	10	20	3								17-19				
4	SKG12.1 : DOMI of Compressors & Blowers, L2 (VILT)				2	VILT	MS Teams	Coming Soon	2,270	10	15	3		21-23										
5	SKG12.1 : DOMI of Gas Turbines, L2 (VILT)				2	VILT	MS Teams	Coming Soon	2,270	10	15	3			7-9									
6	SKG12.1 : DOMI of ICE, Steam Turbines and Turbo Expander, L2 (VILT)				2	VILT	MS Teams	Coming Soon	2,920	10	15	4					13-16							
7	SKG12.1 : DOMI of Pumps, L2 (VILT)				2	VILT	MS Teams	Coming Soon	2,270	10	15	3						4-6						
8	SKG12.1 : Machinery Control, Monitoring & Protection, L2				2	F2F (NR)	KL	Coming Soon	2,650	10	20	2					20-21							
9	SKG12.1 : Machinery Vibration Analysis, L2				2	F2F (NR)	KL	Coming Soon	4,150	10	20	4				16-19								
10	SKG12.1 : Operational Performance, L2				2	F2F (NR)	KL	Coming Soon	4,540	8	20	4						22-25						
11	SKG12.1 : Driven Equipment Workshop, L3				3	F2F (NR)	KL	Coming Soon	4,150	10	20	4							12-15					
12	SKG12.1 : Driver Equipment Workshop, L3				3	F2F (NR)	KL	Coming Soon	4,150	10	20	4									7-10			
13	SKG12.1 : Intro of New Technology; Subsea & New Equipment Design, L3				3	F2F (NR)	KL	Coming Soon	3,330	10	20	2										5-6		
SKG12.2 Static Fired/Unfired/Piping																								
14	SKG12.2 : DOMI of Static Equipment, L1 (VILT)				1	VILT	MS Teams	Yes	2,890	10	15	4		21-24										
15	SKG12.2 : Introduction to Piping System, L1 (VILT)				1	VILT	MS Teams	Coming Soon	2,170	8	15	2					8-9							
16	SKG12.2 : Basic Design & Fabrication of Static (Unfired), L2				2	F2F (NR)	KL	Coming Soon	4,150	10	20	4							12-15					
17	SKG12.2 : DOMI of Heat Exchanger, L2				2	F2F (NR)	KL	Coming Soon	4,150	10	20	4						22-25						
18	SKG12.2 : DOMI of Piping System and Valves, L2				2	F2F (NR)	KL	Coming Soon	4,150	10	20	4									7-10			
19	SKG12.2 : DOMI of Static (Fired) Equipment, L2				2	F2F (NR)	KL	Coming Soon	4,150	10	20	4					27-30							
20	SKG12.2 : Lifting Equipment, L2 UPDATED DATE UPDATED FEE				2	F2F (NR)	KL	Coming Soon	2,710	10	20	2						18-19						
21	SKG12.2 : Mechanical Equipment Maintenance, L2				2	F2F (NR)	KL	Coming Soon	2,940	8	20	2								10-11				

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.2 Static Fired/Unfired/Piping																					
22	SKG12.2 : API 510 Pressure Vessel Inspection, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5										7-11		
23	SKG12.2 : API 570 Piping Inspection, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5					27/6 - 1/7							
24	SKG12.2 : API 653 Tank Inspection, Repair, Alteration & Construction, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5											5-9	
25	SKG12.2 : ASME I Power Boiler, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	7,080	3	15	3				18-20								
26	SKG12.2 : ASME VIII Div.1 & 2, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	3	15	5								19-23				
27	SKG12.2 : Asset Life Assessment, L3	3	F2F (NR)	KL	Coming Soon	4,150	10	20	4								26-29				
28	SKG12.2 : B31.3 Process Piping, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5							1-5					
29	SKG12.2 : Boiler and Steam Technology, L3	3	F2F (NR)	KL	Coming Soon	3,990	10	20	3				16-18								
30	SKG12.2 : Stress and Thermal Analysis, L3	3	F2F (NR)	KL	Coming Soon	3,330	8	20	2										1-2		
SKG12.3 Reliability																					
31	SKG12.3 : Benchmarking, L2	2	F2F (NR)	KL	Coming Soon	3,390	10	20	3							22-24					
32	SKG12.3 : Data Acquisition, Validation & Decision Analysis, L2	2	F2F (NR)	KL	Coming Soon	4,540	10	20	4						18-21						
33	SKG12.3 : Dependability, L2 (VILT) UPDATED DATE	2	VILT	MS Teams	Coming Soon	3,230	10	15	4						4-7						
34	SKG12.3 : Equipment Reliability Strategy Part 1, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3							1-3					
35	SKG12.3 : Equipment Reliability Strategy Part 2, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3										7-9		
36	SKG12.3 : Predictive Maintenance Technique Part 1, L2	2	F2F (NR)	KL	Coming Soon	2,710	10	20	2								19-20				
37	SKG12.3 : Predictive Maintenance Technique Part 2, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3											5-7	
38	SKG12.3 : Reliability and Maintainability Engineering Part 1, L2	2	F2F (NR)	KL	Coming Soon	4,700	10	20	4							8-11					
39	SKG12.3 : Reliability and Maintainability Engineering Part 2, L2	2	F2F (NR)	KL	Coming Soon	4,700	10	20	4									10-13			
40	SKG12.3 : Root Cause Failure Analysis, L2	2	F2F (NR)	KL	Coming Soon	3,700	10	20	3						20-22			10-12			
41	SKG12.3 : Asset Life Cycle Cost, L3	3	F2F (NR)	KL	Coming Soon	4,700	10	20	4					16-19							

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.3 Reliability																						
42	SKG12.3 : Expert Level Asset Management, L3 (VILT)	NEW PROGRAMME	3	VILT	MS Teams	Coming Soon	2,390	5	15	4							8-11					
43	SKG12.3 : Expert Level Business Warehouse 7, L3 (VILT)	NEW PROGRAMME	3	VILT	MS Teams	Coming Soon	1,920	5	15	3				25-27		20-22				17-19		
44	SKG12.3 : Expert Level Work Management, L3 (VILT)	NEW PROGRAMME	3	VILT	MS Teams	Coming Soon	2,850	5	15	5					23-27				19-23		7-11	
SKG12.5 Subsea																						
45	SKG12.5 : Subsea Operational Performance Maintenance & Sparing, L2		2	F2F (NR)	KL	Coming Soon	2,980	10	20	3						20-22						
46	SKG12.5 : Subsea Xmas Tree and Wellhead, L2		2	F2F (NR)	KL	Coming Soon	2,980	10	20	3									5-7			
47	SKG12.5 : Intervention of Subsea Equipment, L2		2	F2F (NR)	KL	Coming Soon	2,980	10	20	3											5-7	
SKG12.6 R&D Mechatronics																						
48	SKG12.6 : Professional Drone Operator		N/A	F2F (NR)	INSTEP*	Yes	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)	HRD Corp Claimable	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)	UPDATED DATE		1	VILT	MS Teams	Coming Soon	2,070	5	15	3		8 - 10			17 - 19			9 - 11				
2	SKG13 : Electric Motor and Drive (VILT)			1	VILT	MS Teams	Coming Soon	2,070	5	15	3		22 - 24					23 - 25					
3	SKG13 : EMC, LPS and Earthing (VILT)	UPDATED DATE		1	VILT	MS Teams	Coming Soon	2,070	5	15	3			8 - 10		24 - 26				6 - 8			
4	SKG13 : Generating Equipment & System (VILT)			1	VILT	MS Teams	Coming Soon	2,030	5	15	2					25 - 26				21 - 22			
5	SKG13 : Protection Device and System (VILT)			1	VILT	MS Teams	Coming Soon	2,070	5	15	3			22 - 24					16 - 18				
6	SKG13 : Ex Equipment (PEXCom# 01) (VILT)			1	VILT	MS Teams	Coming Soon	1,490	5	15	2			30 - 31			29 - 30			28 - 29			
7	SKG13 : Distribution Equipment (VILT)			2	VILT	MS Teams	Yes	3,620	5	15	5							25 - 29					
8	SKG13 : Electric Motor and Drive			2	F2F (NR)	Kerteh	Coming Soon	7,160	10	15	4										3 - 6		
9	SKG13 : EMC, LPS and Earthing (VILT)			2	VILT	MS Teams	Coming Soon	6,690	8	15	4									12 - 15			
10	SKG13 : Ex Equipment (PEXCom# 03)			2	F2F (NR)	INSTEP*	Yes	6,160	10	15	4										17 - 20		
11	SKG13 : Generating Equipment & System (VILT)			2	VILT	MS Teams	Coming Soon	5,010	5	15	3							19 - 21					
12	SKG13 : Protection Device and System (VILT)			2	VILT	MS Teams	Coming Soon	3,300	5	15	5							4 - 8					
13	SKG13 : Condition Monitoring and Predictive Analysis			1&2	F2F (NR)	INSTEP*	Coming Soon	5,550	10	15	4										24 - 27		
14	SKG13 : Electrical Engineering Design & ELSOR (VILT)			1&2	VILT	MS Teams	Coming Soon	2,030	5	15	3						21 - 23						
15	SKG13 : Electrical Network Automation			1&2	F2F (NR)	Melaka	Coming Soon	3,690	10	15	3											15 - 17	
16	SKG13 : Electrical Safety and Regulations (VILT)			1&2	VILT	MS Teams	Coming Soon	2,070	5	15	3		15 - 17						2 - 4				
17	SKG13 : Green Energy			1&2	F2F (NR)	UTP	Coming Soon	5,150	8	15	3											29/11 -1/12	
18	SKG13 : Power Quality (VILT)			1&2	VILT	MS Teams	Coming Soon	2,030	5	15	3						7 - 9						
19	SKG13 : Power System Studies (VILT)			1&2	VILT	MS Teams	Coming Soon	4,630	5	15	4											7 - 10	
20	SKG13 : Uninterruptible Power Supply System			1&2	F2F (NR)	Shah Alam	Coming Soon	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				Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
Jan	Feb	Mac	Apr									May	June	July	Aug	Sept	Oct	Nov	Dec				
1	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2	UPDATED DATE	1&2	F2F (NR)	KL	Coming Soon	5,170	10	20	5								26-30					
2	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2 (VILT)		1&2	VILT	MS Teams	Yes	3,810	8	20	5		21-25											
3	SKG14 : IC1.2 Liquid and Gas Metering, L1&2		1&2	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5					13-17								
4	SKG14 : IC1.3 Quality Measurement, L1&2 (VILT)		1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4			14-17										
5	SKG14 : IC2 Control Theory and Application, L1&2 (VILT)		1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4						18-21							
6	SKG14 : IC3 Instrument Engineering Design, L1&2 (VILT)		1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4						22-25							
7	SKG14 : IC4 Process Computer System, L1&2		1&2	F2F (NR)	INSTEP*	Coming Soon	4,640	8	15	4							12-15						
8	SKG14 : IC5 Instrumented Safeguarding System, L1&2 (VILT)		1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4					20-23								
9	SKG14 : IC6 Control Valve, L1&2		1&2	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5				23-27									
10	SKG14 : IC1.2 Liquid and Gas Metering, L3		3	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5						15-19							
11	SKG14 : IC1.3 Quality Measurement, L3		3	F2F (NR)	KL	Coming Soon	5,050	8	20	4								10-13					
12	SKG14 : IC2 Control Theory and Application, L3		3	F2F (NR)	KL	Yes	5,050	8	20	4									7-10				
13	SKG14 : IC3 Instrument Engineering Design, L3		3	F2F (NR)	KL	Coming Soon	5,460	10	20	5										5-9			
14	SKG14 : IC4 Process Computer System, L3		3	F2F (NR)	KL	Coming Soon	5,050	8	20	4										21-24			
15	SKG14 : IC5 Instrumented Safeguarding System, L3		3	F2F (NR)	KL	Coming Soon	5,020	10	20	4									24-27				

SKG15: Materials, Corrosion & Inspection Engineering

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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG15: Materials, 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)	HRD Corp Claimable	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	Coming Soon	4,540	7	20	3									6-8			
22	SKG15 : Corrosion Testing & Monitoring, L3	3	F2F (NR)	KL	Coming Soon	4,540	7	20	3									20-22			
23	SKG15 : Fitness for Service, L3	3	F2F (NR)	KL	Yes	3,220	12	20	5						20-24						
24	SKG15 : Risk Based Inspection Assessment & Auditing, L3	3	F2F (NR)	KL	Coming Soon	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)	HRD Corp Claimable	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	Yes	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	Coming Soon	4,730	8	20	3	Upon Request (Click to Enquire)												
7	SKG16.1 : Well Operations & Maintenance Upstream (VILT)	2	VILT	MS Teams	Coming Soon	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 UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,500	10	25	3						14-16						5-7	
10	SKG16.1 : Gas Lift Optimisation Upstream (VILT)	2	VILT	MS Teams	Yes	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	Coming Soon	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	Coming Soon	3,880	8	15	5		21-25											
14	SKG16.1 : Advance Oil & Gas Handling (Surface), Level 3 Upstream	3	F2F (NR)	KL	Coming Soon	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	Coming Soon	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)	HRD Corp Claimable	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	UPDATED DATE	2	F2F (NR)	KL	Yes	4,250	8	20	3					21-23									
18	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream (VILT)		2	VILT	MS Teams	Yes	2,300	8	15	3	Upon Request (Click to Enquire)													
19	SKG16.1 : Plant Cost Management, Level 2 Downstream		2	F2F (NR)	KL	Yes	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	UPDATED DATE	2	F2F (NR)	KL	Yes	5,080	8	20	3					24-26									
22	SKG16.1 : Process Control Theory & Application, Level 2 Downstream (VILT)		2	VILT	MS Teams	Yes	2,670	8	10	3					14-16									
23	SKG16.1 : SSDP Grounding I (Functional) Downstream		2	F2F (NR)	KL	Yes	4,710	10	20	3	Upon Request (Click to Enquire)													
24	SKG16.1 : SSDP Grounding I (Functional) Downstream (VILT)		2	VILT	MS Teams	Yes	3,170	8	15	3														
25	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream		2	F2F (NR)	INSTEP*	Yes	5,290	8	20	4														
26	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream (VILT)		2	VILT	MS Teams	Coming Soon	3,370	8	15	4														
27	SKG16.1 : SSDP Supervisory and Leadership Downstream		2	F2F (NR)	KL	Yes	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	UPDATED DATE	3	F2F (NR)	KL	Yes	4,230	10	25	3												20-22		
31	SKG16.1 : SKG18 Emergency Management		Refer to SKG18 Calendar																					

SKG16: Process Operations

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														Jan	Feb	Mar	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	UPDATED DATE	1	F2F (NR)	KL	Yes	5,980	8	20	5					23-27										
33	SKG16.2 : Introduction to Integrated HC Supply Chain, Level 1 Upstream (VILT)		1	VILT	MS Teams	Yes	2,090	8	15	5		21-25													
34	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream	UPDATED DATE	2	F2F (NR)	KL	Yes	4,420	9	20	3			22-24												
35	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream (VILT)		2	VILT	MS Teams	Yes	2,250	9	15	3			15-17												
36	SKG16.2 : HC Planning and Forecasting, Level 2 Upstream		2	F2F (NR)	KL	Coming Soon	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	Yes	2,250	9	15	3								6-8							
38	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Upstream		2	F2F (NR)	KL	Coming Soon	6,190	9	20	5											4-8				
39	SKG16.2 : Production Operations, Level 2 Upstream		2	F2F (NR)	KL	Coming Soon	5,890	9	20	5	Upon Request (Click to Enquire)														
40	SKG16.2 : Production Operations, Level 2 Upstream (VILT)		2	VILT	MS Teams	Coming Soon	3,190	8	15	5				23-27											
41	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream	UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,790	8	20	5						25-29		19-23							
42	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream (VILT)		2	VILT	MS Teams	Coming Soon	2,550	9	15	5										21-25					
43	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream		2	F2F (NR)	KL	Yes	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	Coming Soon	3,060	9	15	5															

SKG16: Process Operations

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											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	Coming Soon	3,750	8	10	2	Upon Request (Click to Enquire)													
52	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream	2	F2F (NR)	KL	Yes	4,780	6	10	2	Upon Request (Click to Enquire)													
53	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	2,720	6	10	2								3-4						
54	SKG16.2 : HC Planning and Forecasting, Level 2 Downstream	2	F2F (NR)	KL	Coming Soon	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	Coming Soon	1,800	6	15	2	Upon Request (Click to Enquire)													
56	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream	2	F2F (NR)	KL	Yes	4,400	6	20	2	Upon Request (Click to Enquire)													
57	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	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	Coming Soon	6,290	6	20	3	Upon Request (Click to Enquire)													
59	SKG16.2 : Ship & Shore Measurement, Level 3 Downstream	3	F2F (NR)	KL	Coming Soon	6,360	6	20	3											25-27			

SKG16: Process Operations

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														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 UPDATED DATE	2	F2F (NR)	KL	Yes	11,850	9	20	10					23/5 – 3/6											
62	SKG16.3 : Grounding Program, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	4,830	9	20	10					20/6 - 1/7				17-28							
63	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2 UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,000	10	25	3																
64	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	2,180	9	15	3					30/5 – 1/6				6-8			6-8				
65	SKG16.3 : Safety in Process Design & Operations, Level 2 UPDATED DATE	2	F2F (NR)	KL / Kota Kinabalu (KK)	Yes	5,020	10	25	4			15-17 (KL)		23-26 (KK)											
66	SKG16.3 : Safety in Process Design & Operations, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	2,840	9	15	4							8-11									
67	SKG16.3 : Water Technology, Level 2 (Waste Water)	2	F2F (NR)	KL	Coming Soon	3,830	9	20	2	Upon Request (Click to Enquire)															
68	SKG16.3 : Water Technology, Level 2 (Waste Water) (VILT)	2	VILT	MS Teams	Coming Soon	1,910	9	15	2																
69	SKG16.3 : Water Technology, Level 2 (Water Utility) UPDATED DATE	2	F2F (NR)	KL	Coming Soon	5,740	9	20	4			14-17				4-7									
70	SKG16.3 : Water Technology, Level 2 (Water Utility) (VILT)	2	VILT	MS Teams	Coming Soon	3,120	9	15	4						27-30										
Process Technology - Programmes for E2																									
71	SKG16.3 : Design of Water System, Level 3 UPDATED DATE	3	F2F (NR)	KL	Yes	9,390	8	20	5					30/5 – 3/6											
72	SKG16.3 : Distillation Design & Operations, Level 3 (VILT)	3	VILT	MS Teams	Coming Soon	3,530	6	15	3			22-24													
73	SKG16.3 : HAZOP Leader, Level 3	3	F2F (NR)	KL	Yes	4,600	9	20	3	Upon Request (Click to Enquire)															
74	SKG16.3 : HAZOP Leader, Level 3 (VILT)	3	VILT	MS Teams	Coming Soon	2,380	9	15	3														8-10		
75	SKG16.3 : Process Risk Assessment & Tools, Level 3 UPDATED DATE	3	F2F (NR)	KL	Yes	4,210	7	20	2			15-16			8-9			20-21							
76	SKG16.3 : Process Risk Assessment & Tools, Level 3 (VILT)	3	VILT	MS Teams	Coming Soon	2,380	9	15	2							20-21									

SKG16: Process Operations

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										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	Yes	2,380	9	15	3					17-19							
82	SKG16.3 : HAZID & What If Technique, Level 2	2	F2F (NR)	KL	Yes	4,210	7	20	2	Upon Request (Click to Enquire)											
83	SKG16.3 : HAZID & What If Technique, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	2,250	9	15	2								7-8				
84	SKG16.3 : LOPA, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	1,720	9	15	2										1-2		
85	SKG16.3 : QRA & Consequence Modelling, Level 3 (VILT)	3	VILT	MS Teams	Yes	3,170	9	20	3			29-31									
SKG16.4 Plant Improvement & Optimisation																					
Advance Process Control - Programmes for E1																					
86	SKG16.4 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																		
87	SKG16.4 : Instrumentation for Process Control, Level 2	2	F2F (NR)	KL	Coming Soon	6,630	6	20	3											13-15	
88	SKG16.4 : Introduction to Multivariable Predictive Control, Level 2	2	F2F (NR)	KL	Yes	5,880	5	20	2									4-5			
89	SKG16.4 : MPC Implementation, Level 2	2	F2F (NR)	KL	Yes	7,260	6	20	4							22-25					
90	SKG16.4 : Process Control Theory and Application, Level 2	2	F2F (NR)	KL	Yes	7,250	9	20	5			21-25				8-12					
91	SKG16.4 : Process Control Theory and Application, Level 2 (VILT)	2	VILT	MS Teams	Yes	3,690	9	15	5							18-22					
92	SKG16.4 : Regression and First Principle Inference, Level 2	2	F2F (NR)	KL	Coming Soon	7,490	6	20	4	Upon Request (Click to Enquire)											
Advance Process Control - Programmes for E2																					
93	SKG16.4 : Advanced Technique in PID Control, Level 3	3	F2F (NR)	KL	Coming Soon	8,000	8	20	4								12-15				

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG16: Process Operations

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											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 UPDATED DATE		2	F2F (NR)	INSTEP/ Bangi	Coming Soon	6,530	12	20	5						12-16 (INSTEP)			26-30 (Bangi)				5-9 (Bangi)
96	SKG16.4 : iCON Basic Training, Level 2 (VILT)		2	VILT	MS Teams	Coming Soon	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																			

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										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 : Flow Assurance Masterclass NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	4,840	7	20	4							25-28						
108	SKG16.5 : PVT & EOS	2	F2F (NR)	KL	Coming Soon	8,810	7	20	5										24-28			
109	SKG16.5 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
110	SKG16.5 : Surface Production Facilities - Oil/Water & Gas Handling, L2	2	Refer to 16.2 (Upstream) Calendar																			
111	SKG16.5 : Upstream Induction and Grounding Program	2	Upon Request (Click to Enquire)																			
Process Engineering - Programmes for E1																						
112	SKG16.5 : Advance Oil & Gas Handling (Surface), L3	3	Refer to 16.1 (Upstream) Calendar																			
113	SKG16.5 : HAZOP Leader, L3	3	Refer to 16.3 (Process Technology) Calendar																			
Process Design - Programmes for E1																						
114	SKG16.5 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Simulation & Optimization) Calendar																			
115	SKG16.5 : Flow Assurance Masterclass NEW PROGRAMME		Refer to 16.5 (Process Engineering - Programme for E1) Calendar																			
116	SKG16.5 : Process Control Theory and Application	2	Refer to 16.1 (Downstream) Calendar																			
117	SKG16.5 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																			
118	SKG16.5 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
119	SKG16.5 : Surface Production Facilities - Oil/Water & Gas Handling, L2	2	Refer to 16.2 (Production Planning) Calendar																			
Process Design - Programmes for E2																						
120	SKG16.5 : SKG13: Basic Apply of Ex-Equipment		Refer to SKG 13 Calendar																			
121	SKG16.5 : Distillation Design & Operations, L3	3	Refer to 16.3 (Process Technology) Calendar																			
122	SKG16.5 : Plant Performance Monitoring & Optimisation, L2	2	Refer to 16.3 (Process Technology) Calendar																			
123	SKG16.5 : Process Risk Assessment & Tools, L3	3	Refer to 16.3 (Process Technology) Calendar																			
124	SKG16.5 : HAZOP Leader, L3	3	Refer to 16.3 (Process Technology) Calendar																			

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG16: Process Operations

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											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG16.6 Analytical And Product & Application Technology																						
Analytical Technology - Programmes for E1																						
125	SKG16.6 : Analytical Equipment: Chromatography and Spectroscopy Part 1 & 2, Level 2	UPDATED DATE	2	F2F (NR)	Melaka	Coming Soon	6,690	5	20	5						20-24						
126	SKG16.6 : Lab Safety, Level 2 (VILT)		2	VILT	MS Teams	Coming Soon	3,570	6	10	4			28-31									
127	SKG16.6 : Method and Standards for Sampling and Testing, Level 2 (VILT)		2	VILT	MS Teams	Coming Soon	3,570	6	10	4					23-26							
Analytical Technology - Programmes for E2																						
128	SKG16.6 : Statistics, Calibration and Method Validation, Level 2	UPDATED DATE	2	F2F (NR)	KL	Coming Soon	6,710	6	20	4						13-16						
129	SKG16.6 : Advanced Atomic Absorption, Level 3	UPDATED DATE	3	F2F (NR)	Putrajaya	Coming Soon	7,000	7	20	5								5-9				
130	SKG16.6 : Advanced Gas Chromatography, Level 3	UPDATED DATE	3	F2F (NR)	Putrajaya	Coming Soon	6,400	5	20	5							22-25					
131	SKG16.6 : Advanced XRF Training, Level 3	UPDATED DATE	3	F2F (NR)	Kerteh	Coming Soon	9,530	5	20	3										28-30		

SKG18: Health, Safety & Environment Programme

Programme Leader: Raja Surida Bt Saiful Bahri +609-668 6346 +6016-333 4094 rajasurida.sb@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG18 - Core Generic																					
1	SKG18 : First Line HSEMS Assurance, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,320	8	20	2							4-5					
2	SKG18 : HSE Management System (HSE MS), L2	2	F2F (NR)	KL	Yes	5,070	8	20	4										3-6		
3	SKG18 : HSE Management System (HSE MS), L2 (VILT)	2	VILT	MS Teams	Coming Soon	4,140	8	20	4								1-4				
SKG18.0 - General HSE																					
4	SKG18 : Environmental Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3							21-23					
5	SKG18 : Incident Management, L2	2	F2F (NR)	KL	Coming Soon	2,980	8	20	2												12-13
6	SKG18 : Incident Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,320	8	20	2			16-17				13-14					
7	SKG18 : Management of Contractor HSE, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,320	8	20	2				2-3								
8	SKG18 : Management of Hazardous Chemicals and Waste, L2 (VILT)	2	VILT	MS Teams	Yes	1,910	5	20	3								5-7			11-13	
9	SKG18 : Safe System of Work, L2 (VILT)	2	VILT	MS Teams	Yes	3,230	8	20	3								9-11				
10	SKG18 : Behavioral Safety, L3 (VILT)	3	VILT	MS Teams	Yes	2,320	8	10	2						18-19						
SKG18.0.1 - Emergency Management																					
11	SKG18 : Emergency Management, L2 (VILT)	2	VILT	MS Teams	Yes	2,320	8	20	2					4-5							
12	SKG18 : Fire Protection & Prevention, L3 (VILT)	3	VILT	MS Teams	Yes	1,470	4	15	3	Refer to SKG18.1.3 Fire Safety											
13	SKG18 : Fire Risk Assessment (FRA), L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3												
SKG18.1.1 - Operation Safety																					
14	SKG18 : Human Factors in Operation and Maintenance, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,610	8	10	2	Upon Request (Click to Enquire)											
15	SKG18 : Inherent Safety, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,320	8	10	2												
16	SKG18 : Managing Major Hazard, L3 (VILT)	3	VILT	MS Teams	Yes	1,610	8	15	2					20-21							
17	SKG18 : Operational Safety Management (OSM), L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,160	8	10	3								26-28				
18	SKG18 : Process Safety Management (PSM), L3 (VILT)	3	VILT	MS Teams	Yes	2,160	8	10	3									20-22			

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

SKG18: Health, Safety & Environment Programme

Programme Leader: Raja Surida Bt Saiful Bahri +609-668 6346 +6016-333 4094 rajasurida.sb@petronas.com.my						Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
														Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG18.1.3 – Fire Safety																									
19	SKG18 : Fire Protection & Prevention, L3 (VILT)	3	VILT	MS Teams	Yes	1470	4	15	3								16-18								
20	SKG18 : Fire Risk Assessment (FRA), L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3							28-30									
SKG18.2 - Environment																									
21	SKG18 : Air Emission Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,910	4	10	3									27-29							
22	SKG18 : Environmental Risk Assessment EAI & HER, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,610	4	10	3								13-14								
23	SKG18 : Environmental Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3	Refer to SKG18.0 General HSE															
24	SKG18 : Project Environment Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3									23-25							
25	SKG18 : Spill Management and Contaminated Sites Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3								26-28								
26	SKG18 : Water & Waste Water Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3									6-8							
SKG18.3 – Industrial Hygiene																									
27	SKG18 : Engineering & Control Technology, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3					26-28											
28	SKG18 : Ergonomics & Workplace Design, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3										4-6						
29	SKG18 : Fundamental of OH and IH, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3								5-7								
30	SKG18 : Health Risk Assessment (HRA), L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3							14-16									
31	SKG18 : SHOC & HCA TTT, L3 (VILT)	3	VILT	MS Teams	Coming Soon	3,670	5	10	4											14-17					
SKG18.4 – Occupational Health																									
32	SKG18 : Fundamental of OH and IH, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3	Refer to SKG18.3 Industrial Hygiene															
SKG18.7 – Climate Change																									
33	SKG18 : GHG Inventory & Reporting, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,610	4	10	2					13-14											

SKG19: Project Management

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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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	Coming Soon	1,010	10	15	2						9						
22	SKG19 : PM5 Project Quality Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	1							11					
23	SKG19 : PM6 Project Organization & Manning Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	1							18					
24	SKG19 : PM7 Project Communication Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	1							25					
25	SKG19 : PM8 Project Risk Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	1								8				
26	SKG19 : PM9 Project Procurement Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	2						28-29						
27	SKG19 : PM10 Project HSE Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,010	10	15	1									20			
28	SKG19 : Project Management Professional (PMP) Preparation (VILT)	3	VILT	MS Teams	Coming Soon	4,320	15	20	5								26-30				
29	SKG19 : Turnaround Management, L3	3	F2F (NR)	KL	Yes	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										2022											
		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG25 : Borehole Survey & Survey Mgmt Trg , L2 (VILT)	2	VILT	MS Teams	Yes	1,260	5	20	3			15-17									
2	SKG25 : Casing Materials and Connection Selection, L2 (VILT) UPDATED DATE	2	VILT	MS Teams	Yes	1,870	5	20	5			28/3 - 1/4									
3	SKG25 : Cementing , L2 (VILT)	2	VILT	MS Teams	Yes	1,590	5	20	5							18 - 22					
4	SKG25 : Coiled Tubing Operation, L2	2	F2F (NR)	Kemaman	Coming Soon	10,240	10	20	5											21 - 25	
5	SKG25 : Deepwater Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	10,140	10	20	5	Upon Request (Click to enquire)											
6	SKG25 : Drilling & Completion Fluids , L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,590	5	20	5												
7	SKG25 : Drilling for Non Driller, L2 (VILT)	2	VILT	MS Teams	Coming Soon	3,970	5	10	2								16 - 17				
8	SKG25 : Electric Line Operation, L2	2	F2F (NR)	Kemaman	Coming Soon	4,800	10	20	3									26 - 28			
9	SKG25 : Extended Reach Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	9,590	10	20	3	Upon Request (Click to enquire)											
10	SKG25 : Fundamental of Drilling Operation, L2	2	F2F (R)	INSTEP*	Coming Soon	16,570	8	10	10												
11	SKG25 : HPHT, L2 (VILT)	2	VILT	MS Teams	Coming Soon	10,140	10	20	5	Upon Request (Click to enquire)											
12	SKG25 : HSE in Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,800	8	20	5												
13	SKG25 : IADC WellSHARP, L2 (VILT)	2	VILT	MS Teams	Coming Soon	6,940	5	6	5												
14	SKG25 : Introduction to Casing Design Concept , L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,640	5	20	3												
15	SKG25 : IWCF Well Control, L2 (VILT)	2	VILT	MS Teams	Coming Soon	6,940	5	6	5												
16	SKG25 : Manage Pressure Drilling (MPD) , L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,420	5	20	2												
17	SKG25 : Plug & Abandonment Awareness, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,980	5	20	2			22 - 23						6 - 7			
18	SKG25 : Pore Pressure Prediction & Mechanical Borehole Stability, L2 (VILT) UPDATED DATE UPDATED FEE	2	VILT	MS Teams	Coming Soon	11,380	12	15	8			14 - 24									

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)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
													Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
19	SKG25 : Real Time Drilling (RTO), L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,870	8	15	5									31/10 - 4/11			
20	SKG25 : Rig Equipment Inspection, L2 (VILT)				2	VILT	MS Teams	Coming Soon	11,240	10	20	5	Upon Request (Click to enquire)											
21	SKG25 : Sand Management & Control, L2 (VILT)				2	VILT	MS Teams	Coming Soon	12,440	5	20	5									7 - 11			
22	SKG25 : Slickline Operation, L2				2	F2F (NR)	Labuan	Coming Soon	9,290	6	12	5									10-14			
23	SKG25 : Stuck Pipe Prevention & Fishing, L2 (VILT)				2	VILT	MS Teams	Coming Soon	5,780	8	20	5	Upon Request (Click to enquire)											
24	SKG25 : Well Completion, L2 (VILT)				2	VILT	MS Teams	Coming Soon	1,960	5	20	5												
25	SKG25 : Well Engineering Software Application, L2 (VILT)				2	VILT	MS Teams	Yes	2,440	4	5	5									10-14 17-21			
26	SKG25 : Well Engineering, L2 (VILT)				2	VILT	MS Teams	Coming Soon	11,260	5	20	5	Upon Request (Click to enquire)											
27	SKG25 : Well Integrity & Intervention , L2 (VILT)				2	VILT	MS Teams	Coming Soon	6,060	5	20	5						20 - 24						
28	SKG25 : Wellhead Preventive Maintenance, L2				2	F2F (NR)	Miri	Coming Soon	7,560	8	12	3	Upon Request (Click to enquire)											
29	SKG25 : Advance Drilling Fluid, L3 (VILT)				3	VILT	MS Teams	Coming Soon	1,870	5	20	5	Upon Request (Click to enquire)											
30	SKG25 : Advanced Cementing, L3 (VILT)				3	VILT	MS Teams	Yes	1,870	5	20	5												
31	SKG25 : Advanced Well Completion, L3 (VILT)				3	VILT	MS Teams	Coming Soon	1,870	5	20	5									7 - 11			
32	SKG25 : IWCF Well Control Supervisory, L4 (VILT)				4	VILT	MS Teams	Coming Soon	6,940	5	6	5	Upon Request (Click to enquire)											
33	SKG25 : IWCF Well Pressure Control, L3 & 4 (VILT)				3&4	VILT	MS Teams	Coming Soon	6,940	5	6	5	Upon Request (Click to enquire)											

Net Upgrading (NET UPG)



NET UPG: Petroleum Industry Programme (PIP)

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	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	Coming Soon	3,950	5	15	4								8-11				

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

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
																		Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
			L1	L2	L3	NT1 (10)	NT2 (11)	NT3 (12)	NT4 (13)	NT5 (14)																			
1	NET P&A : Compressor, Fan and Blowers: Operation and Care	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3					30/5-1/6			12-14				
2	NET P&A : Cooling Water	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3						18-20						
3	NET P&A : Filter and Strainer: Operation and Care	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2						21-22						
4	NET P&A : Furnace	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2						28-29						
5	NET P&A : Gas Turbine: Operation and Care	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3							4-6					
6	NET P&A : Piping and Valves	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3							1-3					
7	NET P&A : Plant Air Systems	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	3,060	6	20	2											13-14	
8	NET P&A : Reactor: Operation and Care	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3						25-27						
9	NET P&A : Steam Turbine: Operation and Care	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3							22-24					
10	NET P&A : Tankage and Storage	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3							1-3					
11	NET P&A : Terminal Operation	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	3,830	6	20	2									17-18			
12	NET P&A : Utility: Flare, LDS & Fuel Gas System	NEW PROGRAMME		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3									3-5			
13	NET P&A: Heat Exchangers: Operation and Care	UPDATED DATE		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3						13-15						
14	NET P&A: Heat Exchangers: Operation and Care (VILT)			x		x	x	x			VILT	MS Teams	Yes	3,240	5	20	3						23-25						

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	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
15	NET P&A: Pump Operation and Care UPDATED DATE		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3					23-25			15-17				5-7
16	NET P&A: Pump Operation and Care (VILT)		x		x	x	x			VILT	MS Teams	Coming Soon	3,240	5	20	3								8-10				
17	NET P&A: Water and Waste Water Treatment System UPDATED DATE		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3					17-19							
18	NET P&A: Water and Waste Water Treatment System (VILT)		x		x	x	x			VILT	MS Teams	Yes	3,240	5	20	3		21-23										
19	NET P&A: Fundamentals Process Control System Engineering			x				x		F2F (NR)	INSTEP*	Yes	6,530	8	20	4										14-17		
20	NET P&A: Separation Process UPDATED DATE			x				x		F2F (NR)	KL	Coming Soon	3,240	6	20	2						7-8						
21	NET P&A: Separation Process (VILT)			x				x		VILT	MS Teams	Yes	2,360	5	20	2								5-6				

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

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level in POSS			Job Grade					Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	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 : Fundamental of Analysis and Hydrocarbon Chemistry NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	3,780	6	20	2							4-5					
2	NET P&A : Inventory and Record NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	3,780	6	20	2							25-26					
3	NET P&A: Laboratory Safety UPDATED DATE		X		X	X	X			F2F (NR)	KL	Coming Soon	4,700	6	20	3					23-25							
4	NET P&A: Laboratory Safety (VILT)		X		X	X	X			VILT	MS Teams	Coming Soon	3,240	5	20	2			7-8									
5	NET P&A : Physical and Biological Techniques NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	4,700	6	20	3							22-24					
6	NET P&A : Reagent Preparation and Standardisation NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	3,780	6	20	2								26-27				
7	NET P&A : Sample Management and Field Testing NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	4,700	6	20	3									17-19			
8	NET P&A : Spectroscopy Technique Analysis NEW PROGRAMME		X		X	X	X			F2F (NR)	Melaka	Coming Soon	4,700	6	20	3										7-9		
9	NET P&A : Titration and Electrochemistry NEW PROGRAMME		X		X	X	X			F2F (NR)	KL	Coming Soon	4,700	6	20	3											5-7	
10	NET P&A : Water & Wastewater Analysis NEW PROGRAMME		X		X	X	X			F2F (NR)	INSTEP	Coming Soon	3,740	6	20	3						7-9						
11	NET P&A : Calibration Requirements of Laboratory NEW PROGRAMME			X			X	X		F2F (NR)	KL	Coming Soon	4,700	6	20	3							8-10					
12	NET P&A : Maintenance and Troubleshooting of Gas NEW PROGRAMME			X			X	X		F2F (NR)	INSTEP	Coming Soon	3,130	6	20	3								12-14				
13	NET P&A: Principles and Calibration of Gas Chromatograph UPDATED DATE			X			X	X		F2F (NR)	KL	Coming Soon	4,700	6	20	3						20-22						
14	NET P&A: Principles and Calibration of Gas Chromatograph (VILT)			X			X	X		VILT	MS Teams	Coming Soon	3,240	5	20	3						13-15						

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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	Coming Soon	3,350	5	15	2			23-24									
2	NET CIVIL : Painting & Heat Protection Technology	x	x	x	x	x	x			F2F (NR)	KL	Coming Soon	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	Coming Soon	3,700	5	15	3							26-28					
4	NET CIVIL : Scaffolding Appreciation	x	x	x	x	x	x			F2F (NR)	INSTEP*	Yes	3,030	5	15	3									25-27			
5	NET CIVIL : Structural Work and Maintenance Technology	x	x	x	x	x	x			F2F (NR)	KL	Coming Soon	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)	HRD Corp Claimable	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 MECH : Advance NDT method: Eddy Current									F2F (NR)	Shah Alam	Coming Soon	4,200	12	20	4						27-30						
2	NET MECH : Alignment Principles & Technology				x	x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3			15-17									
3	NET MECH : Basic Principles of Rotating Equipment						x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3					17-19							
4	NET MECH : Bearing Technology and Maintenance					x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3							19-21					
5	NET MECH : Centrifugal Gas Compressor									F2F (NR)	INSTEP*	Yes	3,090	10	15	3						28-30						
6	NET MECH : Condition Monitoring of Rotary Equipment						x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3								9-11				
7	NET MECH : Corrosion Control and Monitoring						x	x	x	F2F (NR)	KL / Kerteh	Coming Soon	3,470	12	20	3									4-6			
8	NET MECH : Destructive Testing						x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2			14-15									
9	NET MECH : Diesel engine: Operation & Maintenance						x	x	x	F2F (NR)	KL / Kerteh	Yes	3,580	15	20	4							25-28					
10	NET MECH : Equipment Balancing						x	x	x	F2F (NR)	Kerteh	Yes	3,100	12	15	3								23-25				
11	NET MECH : Gas turbine: Operation and Maintenance				x	x	x	x	x	F2F (NR)	Kuantan / Kerteh	Yes	3,820	13	20	4								15-18				
12	NET MECH : Hydraulic Systems: Operation, Troubleshooting & Maintenance					x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3						14-16						
13	NET MECH : Liquid Penetrant Testing (PT)						x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3							26-28					
14	NET MECH : Lubrication and Filtration						x	x	x	F2F (NR)	Melaka / Kerteh	Yes	3,510	15	20	3									18-20			
15	NET MECH : Magnetic Particle Testing (MT)						x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3								16-18				
16	NET MECH : Mechanical Seal Maintenance and Troubleshooting				x	x	x	x	x	F2F (NR)	KL / Kerteh	Yes	3,380	15	20	3			8-10									
17	NET MECH : Non-Destructive Testing						x	x	x	F2F (NR)	INSTEP*	Yes	2,680	10	15	4								8-11				
18	NET MECH : Painting and Coating Inspection							x		F2F (NR)	INSTEP*	Yes	2,180	10	15	2					16-17							
19	NET MECH : Pneumatic Systems: Operation, Troubleshooting & Maintenance					x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3			15-17									
20	NET MECH : Positive Displacement Pump				x	x	x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2						13-14						

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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
21	NET MECH : Precision Measurement Tools and Bench Fittings	N/A				x	x	x	x	F2F (NR)	INSTEP*	Yes	2,900	10	15	4								22-25				
22	NET MECH : Precision Practical Alignment				x	x	x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3		22-24										
23	NET MECH : Pressure Relieving Devices						x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2							18-19					
24	NET MECH : Pump Troubleshooting						x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2									25-26			
25	NET MECH : Quality Control						x	x	x	F2F (NR)	KL	Yes	3,470	15	20	3									25-27			
26	NET MECH : Quality Control of Rotating Equipment						x	x	x	F2F (NR)	INSTEP*	Yes	2,200	10	15	3			7-9									
27	NET MECH : Reciprocating Compressor				x	x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3			8-10									
28	NET MECH : Single Stage Centrifugal Pump					x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3			22-24									
29	NET MECH : Single Stage Steam Turbine					x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3					24-26							
30	NET MECH : Tank Maintenance and Repair				x	x	x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,340	10	15	4									3-6			
31	NET MECH : Troubleshooting Technique of Rotating Equipment				x	x	x	x	x	F2F (NR)	KL / Kerteh	Coming Soon	3,770	12	15	3						7-9						
32	NET MECH : Ultrasonic Testing (UT)						x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3						21-23						
33	NET MECH : Unfired Pressure Vessel Inspection						x	x		F2F (NR)	INSTEP*	Yes	2,960	10	15	3								12-14				
34	NET MECH : Valves and Safety Valves Maintenance & Repair						x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3								26-28				
35	NET MECH : Vibration Survey and Analysis						x	x	x	F2F (NR)	Kerteh	Yes	3,100	12	15	3										1-3		
36	NET MECH : Welding Inspection						x	x		F2F (NR)	INSTEP*	Yes	2,130	10	15	3			29-31									
37	NET MECH : Welding Technology				x	x	x			F2F (NR)	INSTEP*	Yes	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)	HRD Corp Claimable	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 ELEC : Heating, Ventilation & Air Conditioning System (VILT)	x	x		x	x	x			VILT	MS Teams	Coming Soon	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	Yes	2,480	5	10	2			9 - 10									
3	NET ELEC : Portable Electrical Equipment and Temporary Installation (VILT) UPDATED DATE	x	x		x	x	x			VILT	MS Teams	Yes	2,480	5	10	2		23-24		11-2								
4	NET ELEC : Operation and Maintenance of Low Voltage Switchboard (VILT)	x	x	x	x	x	x	x		VILT	MS Teams	Yes	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	Yes	2,480	5	10	3			16 - 18									
6	NET ELEC : Motor Control System	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	Yes	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*	Yes	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*	Coming Soon	5,280	5	10													
9	NET ELEC : Technical Trade Specialist (TTS) Preparatory	x	x	x					x	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10													
10	NET ELEC : Technical Trade Specialist (TTS) Assessment	x	x	x					x	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10													
11	NET ELEC : Condition-Based Monitoring of High Voltage Switchgears and Transformers		x	x			x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10	4												5 - 8
12	NET ELEC : Electrical Protection System (VILT)		x	x		x	x	x		VILT	MS Teams	Yes	2,480	5	10	2			30 - 31									
13	NET ELEC : Earthing, Lightning & Cathodic Protection System (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	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	Coming Soon	2,790	5	10	3								22 - 24				

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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	Yes	2,480	5	10	2						7 - 9			21 - 22			
16	NET ELEC : High Voltage System Switching		X	X			X	X	X	F2F (NR)	INSTEP*	Yes	3,220	5	10	3										1 - 3		
17	NET ELEC : Motor Operated Valve (MOV)		X	X		X	X	X	X	F2F (NR)	INSTEP*	Coming Soon	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	Yes	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	Yes	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	Coming Soon	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	Yes	2,480	5	10	2							13 - 14					
22	NET ELEC : Power Electronics (VILT)			X	X	X	X	X	X	VILT	MS Teams	Yes	2,480	5	10	3							26 - 28					
23	NET ELEC : Soft Starter & Variable Speed Drive System (VSDS)			X			X	X	X	F2F (NR)	INSTEP*	Yes	3,220	5	10	3									25 - 27			
24	NET ELEC : Selection, Installation and Inspection of Ex Equipment (VILT)					X	X	X		VILT	MS Teams	Yes	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)	HRD Corp Claimable	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) UPDATED DATE	x			x					VILT	MS Teams	Yes	1,750	5	15	2						13-14						
2	NET INST : Control Valve I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Coming Soon	2,040	5	15	2							1-2					
3	NET INST : Instrumented Safeguarding System I L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2			21-22									
4	NET INST : Instrumented Safeguarding System I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Yes	2,040	5	15	2								5-6				
5	NET INST : Process Control Theory and Application L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2						13-14						
6	NET INST : Process Control Theory and Application L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Yes	2,040	5	15	2								19-20				
7	NET INST : Process Measurement I L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2							4-5					
8	NET INST : Process Measurement I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Coming Soon	2,040	5	15	2								14-15				
9	NET INST : Liquid and Gas Metering L2 (VILT)		x			x				VILT	MS Teams	Coming Soon	1,750	5	15	2			28-29									
10	NET INST : Liquid and Gas Metering L2 (Practical Session)**		x			x				F2F (NR)	INSTEP*	Coming Soon	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)	HRD Corp Claimable	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
11	NET INST : Control Valve II, L2		x			x				F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3										11-13		
12	NET INST : Process Measurement II, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3										17-19		
13	NET INST : Instrumented Safeguarding System II L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3										17-19		
14	NET INST : Vibration Monitoring System, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3										8-10		
15	NET INST : Gas Chromatograph, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3							8-10					
16	NET INST : PID Tuning, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3											6-8	
17	NET INST : Quality Measuring Instrument, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3							18-20					
18	NET INST : Gas Turbine and Control System -Solar-Turbotronic I, L2		x			x				F2F (NR)	Kuantan	Yes	4,390	10	15	4										21-24		
19	NET INST : GE Heavy Duty Gas Turbine, L2		x			x				F2F (NR)	Kuantan	Yes	4,390	10	15	4											19-22	
20	NET INST : Gas Detection System, L3			x			x			F2F (NR)	INSTEP*	Yes	3,570	8	15	3											20-22	
21	NET INST : Programmable Logic Controller - Allen Bradley CLX5000, L3			x			x			F2F (NR)	INSTEP*	Yes	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*	Yes	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*	Yes	3,570	8	15	3								13-15				
24	NET INST : Honeywell EPKS Engineering & Maintenance, L3			x			x			F2F (NR)	INSTEP*	Yes	4,630	8	15	4									10-13			
25	NET INST : Safety PLC- Tricon TMR, L3			x			x			F2F (NR)	INSTEP*	Yes	3,570	8	15	3											6-8	
26	NET INST : Instrument Installation and Maintenance, L3			x			x			F2F (NR)	KL	Yes	4,400	8	15	3							23-25					
27	NET INST : Solar Turbine & Control System II, L3			x			x			F2F (NR)	Kuantan	Yes	4,390	10	15	4										14-17		
28	NET INST : ControlLogix System Maintenance & Troubleshooting, L3			x			x			F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3							18-20					

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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

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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

NET UPG: Health, Safety & Environment (HSE) – HSE Training 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)	HRD Corp Claimable	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	Yes	1,610	10	15	3	Upon Request (Click to Enquire)											
17	HSE TMP : Job Hazard Analysis (JHA) (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
18	HSE TMP : Manual Handling (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
19	HSE TMP : Mercury Safety (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
20	HSE TMP : Noise & Hearing Conservation Awareness (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
21	HSE TMP : Personal Protective Equipment (PPE) (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
22	HSE TMP : PTW for Approving Authority (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
23	HSE TMP : PTW for Receiving Authority (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
24	HSE TMP : RA Tools Training (BowTie, HAZID, HAZOP, P-HAZOP and PASR Application) (VILT)	VILT	MS Teams	Yes	1,170	10	15	2												
25	HSE TMP : Rakan HSSE (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
26	HSE TMP : Root Cause Analysis (Incident Investigation) - 5 Why & Tripod Beta (VILT)	VILT	MS Teams	Yes	1,170	10	15	2												
27	HSE TMP : Safe Handling of Chemicals (SHOC) (VILT)	VILT	MS Teams	Yes	1,170	10	15	2												
28	HSE TMP : Safety and Health Committee (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
29	HSE TMP : Safety Leadership (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
30	HSE TMP : Working at Height & Rescue	F2F (NR)	INSTEP*	Yes	1,360	10	15	2												
31	HSE TMP : Working at Height Awareness (VILT)	VILT	MS Teams	Yes	730	10	15	1												

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

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	HSE TMP : Marine For Non-Mariners (VILT)	UPDATED DATE	VILT	MS Teams	Coming Soon	530	10	25	2	12-13 26-27	9-10 23-24	9-10 23-24									
2	HSE TMP : Marine For Non-Mariners	UPDATED DATE	F2F (NR)	Kerteh	Coming Soon	2,370	10	25	3						21 - 23						
3			F2F (NR)	Labuan	Coming Soon	2,370	10	25	3									20-22			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)	HRD Corp Claimable	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*	Coming Soon	1,940	8	15	3										4 - 6	8 - 9	
2	NET GS : English Writing Empowerment for NET (VILT)	VILT	MS Teams	Coming Soon	1,740	5	15	3					24 -26			9 - 11				
3	NET GS : English Speaking Empowerment for NET	F2F (NR)	INSTEP*	Coming Soon	1,940	8	15	3									6 - 8			6 - 8
4	NET GS : English Speaking Empowerment for NET (VILT)	VILT	MS Teams	Coming Soon	1,740	5	15	3						14 - 16	26 - 28					

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)	HRD Corp Claimable	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*	Yes	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*	Coming Soon	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*	Coming Soon	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*	Coming Soon	1,800	5	5	3	Upon Request (Click to Enquire)											
3	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	PMA Kerteh	Yes	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	Coming Soon	3,080	10	11	4		14-17				27-30			26-29			
5	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	SBA KK	Yes	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	Coming Soon	4,870	4	6	4	Upon Request (Click to Enquire)											
7	A&C : UPOCP: OTS Reassessment (VILT)	VILT	MS Teams	Coming Soon	1,500	4	6	1												
8	A&C : UPOCP: OTS Reassessment	F2F (NR)	INSTEP*	Coming Soon	1,650	5	5	4												
9	A&C : UPOCP: OTS Training of Trainer (TOT)	F2F (NR)	INSTEP*	Yes	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	Coming Soon	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*	Coming Soon	3,900	10	20	2	Upon Request (Click to Enquire)											

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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*	Coming Soon	2,840	11	15	3							19-21		20-22	04-06	08-10	
2	A&C : POTCP 02 - Process Control	F2F (NR)	INSTEP*	Coming Soon	2,840	11	15	3								02-04		18-20	29-01	
3	A&C : POTCP 03 - Process Troubleshooting	F2F (NR)	KL	Coming Soon	3,110	12	20	2							13-14	10-11				
4	A&C : POTCP 04 - Plant Operation Practice	F2F (NR)	KL	Coming Soon	3,110	12	20	2										12-13	16-17	
5	A&C : POTCP 05 - Process Safety Practice	F2F (NR)	KL	Yes	3,110	12	20	2							25-26				21-22	
6	A&C : POTCP 03 - Process Troubleshooting (VILT)	VILT	MS Teams	Yes	1,910	12	15	2			09-10			15-16						
7	A&C : POTCP 04 - Plant Operation Practice (VILT)	VILT	MS Teams	Coming Soon	1,910	12	15	2					18-19							
8	A&C : POTCP 05 - Process Safety Practice (VILT)	VILT	MS Teams	Yes	1,910	12	15	2						20-21						

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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	HRD Corp Claimable	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	Coming Soon	3,930	7	10	4	Upon Request (Click to Enquire)											
2	A&C : Vessel Familiarisation & Shipshore Safety Checklist (knowledge level) (VILT)	VILT	MS Teams	Coming Soon	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)	HRD Corp Claimable	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: Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process)- CePIETSO BP	F2F (NR)	INSTEP*	Yes	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									2022											
		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : PESITAS: ICE Driver Grade 2 & 1 (VILT)	VILT	MS Teams	Yes	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	Yes	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	Coming Soon	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	Yes	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*	Coming Soon	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	Coming Soon	1,330	6	20	2									28-29			
7	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2											1-2	
8	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Paper B) (VILT)	VILT	MS Teams	Coming Soon	1,330	6	20	2												
9	A&C : PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral)	F2F (NR)	KL/Kerteh/INSTEP*	Coming Soon	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	Coming Soon	1,330	6	20	2												
11	A&C : PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	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	Coming Soon	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*	Coming Soon	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	Coming Soon	1,330	8	20	5												
15	A&C : PESITAS: Steam Boiler Driver Grade 2 & 1 (VILT)	VILT	MS Teams	Yes	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*	Coming Soon	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	Yes	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*	Coming Soon	4,700	9	20	4								22-25	17-20		21-24	

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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	Coming Soon	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	Coming Soon	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	Coming Soon	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	Coming Soon	2,700	10	15	4					23-26				5-8			
5	A&C : IRCP: Plant Management System (PMS)	F2F (NR)	INSTEP*	Coming Soon	4,300	10	15	4										17-20	28/11 - 1/12	
6	A&C : IR Competency Assessment	F2F (NR)	INSTEP*	Coming Soon	1,540	7	15	1	Upon Request (Click to enquire)											
7	A&C : IR Competency Assessment (VILT)	VILT	MS Teams	Coming Soon	420	7	15	1												
8	A&C : IRCP: ISO 45001:2018 Awareness	F2F (NR)	KL / INSTEP*	Yes	1,230	10	20	2			15-16					3-4				
PETRONAS Risk Based Inspection (PRBI)																				
1	A&C : PRBI User Certification Programme	F2F (NR)	KL	Coming Soon	3,200	10	15	2						29-30						1-2
2	A&C : PRBI User Certification Programme Reassessment	F2F (NR)	KL	Yes	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*	Coming Soon	5,530	10	15	4								15-18				
2	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level II	F2F (NR)	INSTEP*	Coming Soon	6,020	10	15	4									5-8			
3	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level III (VILT)	VILT	MS Teams	Coming Soon	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*	Yes	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	Coming Soon	7,620	10	15	4			14-17									
2	A&C : Vibration Certification Programme Intermediate - CAT II	F2F (NR)	INSTEP*	Coming Soon	8,490	10	15	5								22-26				
3	A&C : Vibration Certification Program Advanced - CAT III	F2F (NR)	INSTEP*	Coming Soon	9,980	10	15	5											14-18	

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

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)	HRD Corp Claimable	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	Coming Soon	1,800	5	16	3			29 - 31			28-30						
2	A&C : IECEx Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	4,950	5	10	2								29- 30			29-30	
3	A&C : IECEx Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	8,430	5	11	4										10-13		
4	A&C : IECEx Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	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*	Coming Soon	11,650	5	14	5											13-17	
6	A&C : IECEx Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	8,850	5	12	4							18-21					
7	A&C : IECEx Unit Ex001 & Ex009 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	9,690	5	15	4										31/10 – 03/11		
8	A&C : IECEx Refresher (Exclude Examination)	F2F (NR)	INSTEP*	Coming Soon	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 UOTP)	HRD Corp Claimable	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 : A0 Chargeman	F2F (NR)	INSTEP*	Yes	15,030	15	20	80				3/4 – 4/8			14/8 - 8/12					
2	A&C : A4 Chargeman	F2F (NR)	INSTEP*	Yes	18,730	13	20	100				22/5 - 20/10								
3	A&C : B0 Chargeman	F2F (NR)	INSTEP*	Yes	20,990	10	20	100				8/5 - 6/10								
4	A&C : B4 Chargeman	F2F (NR)	INSTEP*	Yes	22,830	10	20	100								10/10/2022 - 2/3/2023				
5	A&C : Low Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	4,690	12	20	10			13 - 24									
6	A&C : High Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	6,980	12	20	13							24/7 - 04/8					
7	A&C : Low Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	5,430	N/A		10	Upon Request (Click to Enquire)											
8	A&C : High Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	6,480			10												
9	A&C : Refresher & Referral Examination	F2F (NR)	INSTEP*	Coming Soon	2,580			6												
10	A&C : Referral Examination	F2F (NR)	INSTEP*	Coming Soon	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)	HRD Corp Claimable	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*	Yes	6,110	4	8	5							31-04		18-22			18-22
2	A&C : Instrument Fitter	F2F (NR)	INSTEP*	Yes	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)	HRD Corp Claimable	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*	Coming Soon	870	10	20	2	Upon Request (Click to enquire)											
2	A&C : Authorised Entrant and Standby Person for Confined Space – Refresher	F2F (NR)	INSTEP*	Coming Soon	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)	HRD Corp Claimable	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*	Yes	3,750	10	35	5			13-17				24-28				13-17	
		F2F (NR)	Kuala Lumpur/ Selangor	Yes	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	Yes	3,750	10	35	5		20-24			22-26			14-18		2-6		19-23
		F2F (NR)	Kuantan	Yes	3,750	10	35	5						27/6-1/7				17-21		
		F2F (NR)	Penang	Yes	3,750	10	35	5			7-11				18-22					5-9
		F2F (NR)	Kota Kinabalu	Yes	3,750	10	35	5			21-25					8-12				
		F2F (NR)	Miri	Yes	3,750	10	35	5						13-17			5-9			

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

Programme Leader: Siti Suhaili Bt Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com			Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	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 : Tripod Beta - Bronze NEW PROGRAMME	F2F (NR)	KL	Coming Soon	6,470	10	20	3	Upon Request (Click to Enquire)												
	2	A&C : Tripod Beta - Bronze (VILT) NEW PROGRAMME	VILT	MS Teams	Coming Soon	4,680	5	20	4													
	3	A&C : Tripod Beta – Silver NEW PROGRAMME	F2F (NR)	KL	Coming Soon	4,710	10	10	2													
	4	A&C : Tripod Beta – Silver (VILT) NEW PROGRAMME	VILT	MS Teams	Coming Soon	3,420	5	10	3													
	5	A&C : Tripod Beta - Gold NEW PROGRAMME	F2F (NR)	KL	Coming Soon	Upon Request (Click to Enquire)																

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	HRD Corp Claimable	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	Yes	1,370	15	25	3	Upon Request (Click to Enquire)											
2	A&C : PCSB Permit to Work (PTW) Level 3 - New Candidate (VILT) UPDATED DATE	3	VILT	MS Teams	Yes	700	20	25	3		7-9	15-17	4-6 11-13	17-19 23-25	13-15 27-29	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	Yes	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	Yes	424.53	10	20	1					11 (2 sessions)	1	6 (2 sessions)	3	7	5	2	
										19	9			2	4	8	6	3	7		
										20	10	8	4	12 (2 sessions)	8	7 (2 sessions)	10	14	12	9	8
										26 (2 sessions)	16 (2 sessions)	9	6	23	9	18	11	15	13	10	14
												15	12		15	17	21	19	16	15	
										27 (2 sessions)	17 (2 sessions)	16	13	24	16	19	18	22	20	17	21
														30	22	25	24	28	26	23	22
				31	23	26	25	29	27	24											

A&C: PECAS – Training Programme

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my									2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : e-PECAS Training	F2F (NR)	INSTEP*	Coming Soon	850	11	18	1	Upon Request (Click to Enquire)											
2	A&C : e-PECAS Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	Coming Soon	1,490	11	18	1												
3	A&C : e-PECAS Training (VILT)	VILT	MS Teams	Yes	900	10	15	1												
4	A&C : PECAS Training for Candidate	F2F (NR)	INSTEP*	Yes	1,420	12	18	2												
5	A&C : PECAS Training for Candidate	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	Yes	2,480	12	18	2												
6	A&C : PECAS Training for Candidate (VILT)	VILT	MS Teams	Yes	1,340	10	15	2	6-7											
7	A&C : PECAS Training	F2F (NR)	INSTEP*	Yes	1,520	14	20	2												
8	A&C : PECAS Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	Yes	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	Yes	1,560	10	15	2	9-10 16-17 16-17 8-9 23-24 23-24 25-26 22-23											
10	A&C : PECAS Refresher Training	F2F (NR)	INSTEP*	Yes	640	14	20	1	Upon Request (Click to Enquire)											
11	A&C : PECAS Refresher Training	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	Yes	1,190	14	20	1												
12	A&C : PECAS Refresher Training (VILT)	VILT	MS Teams	Yes	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)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
13	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing + Interview)	F2F (NR)	INSTEP*	Coming Soon	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	Coming Soon	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	Coming Soon	2,520			2			30-31									
16	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing)	F2F (NR)	INSTEP*	Coming Soon	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	Coming Soon	930	14	20	1												
18	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	INSTEP*	Coming Soon	1,650	8	8	1												
19	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	Kerteh/ Kuantan/KL/ Sabah/ Sarawak	Coming Soon	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	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	PETRONAS Assurance Delivery Excellence (PADEX) (VILT)			VILT	MS Teams	Yes	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	7-10 21-24	5-8

Note:

- PADEX training enrolment is only based on nomination by HCU/BU/OPU/Asset Assurance Coordinator or Focal. Please refer to Integrated Assurance Unit, IAU portal ([myPETRONAS- https://mypetronas.com/grm/iap-portal/training-calendar](https://mypetronas.com/grm/iap-portal/training-calendar)) for PADEX training enrolment process.

Others : Root-Cause Analysis (RCA) Certification Programme

Programme Leader: W M Sabri W Yahya +609-668 6070 +6013-948 9411 sabri.yahya@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	Root-cause Analysis (RCA) Certification Programme - Training (VILT)	VILT	MS Teams	Coming Soon	2,000	8	12	2		7 - 8			10 - 11			24 - 25		19 - 20		
2	Root-cause Analysis (RCA) Certification Programme - Assessment	F2F (NR)	KL	Coming Soon	7,700	1	1	1	Upon Request (Click to Enquire)											

Others



Upstream Commercial Academy (UCA)

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	UCA : Upstream Commercial Fundamentals	1	F2F (NR)	KL	Coming Soon	1,190	10	20	1							13	3	6		2	
2	UCA : Upstream Commercial Fundamentals (VILT)	1	VILT	MS Teams	Coming Soon	590	6	12	2		8-9			24-25							
3	UCA : Upstream Commercial Core	3	F2F (NR)	KL	Coming Soon	6,090	6	14	7 (Incl. Weekend)									21-27			
4	UCA : Upstream Commercial Core (VILT)	3	VILT	MS Teams	Coming Soon	1,720	6	8	11		14-28				13-27						
5	UCA : Advance Commercial Negotiation	3	F2F (NR)	KL	Coming Soon	4,700	6	10	5										17-21		
6	UCA : Advance Commercial Negotiation (VILT)	3	VILT	MS Teams	Coming Soon	1,040	6	8	5			21-25									
7	UCA : Upstream Commercial Case Studies	3	F2F (NR)	KL	Coming Soon	4,210	10	15	2								16-17				

3PLAY Onboarding Programme

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)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
5	3PLAY Onboarding Programme for Beginners (VILT)	VILT	MS Teams	Coming Soon	1,200	10	20	2						21-22						
6	3PLAY Onboarding Programme for Beginners OFWP & MFWP Practitioners (VILT)	VILT	MS Teams	Coming Soon	1,800	10	20	4										17-20		

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