

Learning Calendar 2022

PETRONAS Group Edition

Rev6 | September22

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

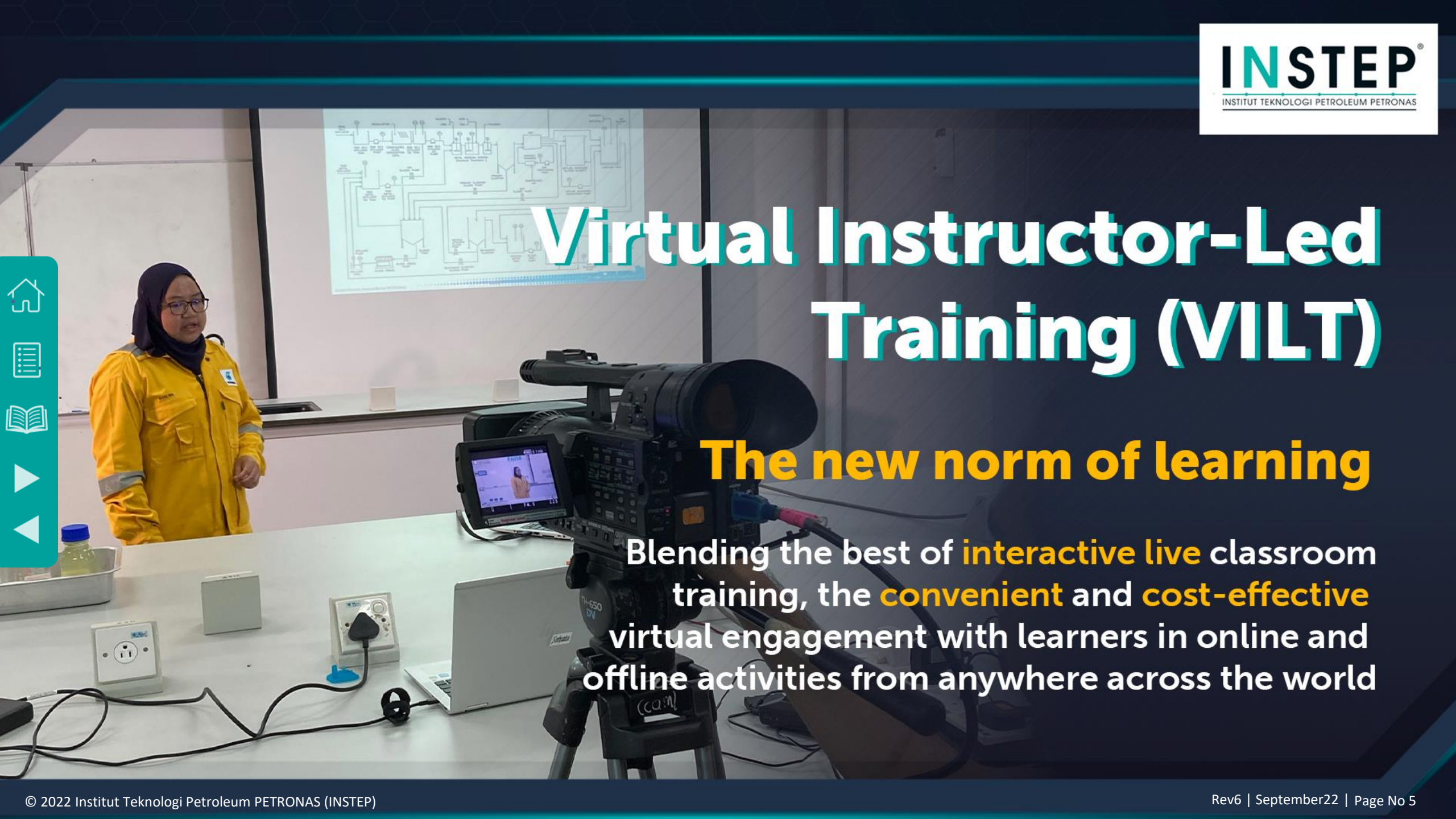
Claim amounts may vary and is subjected to **HRD Corp Allowable Cost Matrix** calculations

INSTEP is now MBOT approved training provider

Earn your CPD hours today

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





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

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14	SKG10: Petroleum Engineering	
17	SKG11: Civil & Pipeline Engineering	
20	SKG12: Mechanical Engineering	
23	SKG13: Electrical Engineering	
24	SKG14: Instrumentation & Control	
25	SKG15: Materials, Corrosion & Inspection Engineering	UPDATED DATE
27	SKG16: Process Operations	
36	SKG18: Health, Safety & Environment Programme	
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40	SKG25: Drilling	UPDATED FEE
43	NET UPG: Petroleum Industry Programme (PIP)	
44	NET UPG: Exploration & Production (E&P)	
45	NET UPG: Process & Analytical (P&A) – Process Operations	
47	NET UPG: Process & Analytical (P&A) – Laboratory	
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51	NET UPG: Electrical	
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58	NET UPG: General Studies – English Empowerment for NET	
60	A&C: Exploration & Production (E&P) Special Project	
61	A&C: Process & Analytical (P&A) – Panel Operator Training & Certification Programme (POTCP)	
62	A&C: Process & Analytical (P&A) – Vessel Familiarisation & Shipshore Safety Checklist	
63	A&C: Process & Analytical (P&A) – CePIETSO (BP)	
64	A&C: Mechanical & Inspection (M&I) – PESITAS	
65	A&C: Mechanical & Inspection (M&I) – PMS, PRBI, ICML, ASNT & MIBOC	
66	A&C: Electrical – IECEx Competency Training Programme & Assessment	
67	A&C: Electrical – Chargeman Programme	
68	A&C: Instrumentation	
69	A&C: Health, Safety & Environment (HSE) – Authorised Entrant and Standby Person for Confined Space (AESP)	
70	A&C: Health, Safety & Environment (HSE) – CePSWaM	
71	A&C: Health, Safety & Environment (HSE) – Tripod Beta	
72	A&C: Health, Safety & Environment (HSE) – PCSB Permit to Work (PTW) Level 3	UPDATED DATE
73	A&C: PECAS Training Programme	
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76	Others: Root-Cause Analysis (RCA) Certification Programme	
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79	3PLAY Onboarding Programme	
80	Generative HSE Culture Programme	



Skill Group (SKG)



SKG09: Geoscience

Programme Leader:

M Hafiz Khairudin

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		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2022											
											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	Coming Soon						13-24						
2	SKG09 : Basic Quantitative Interpretation, L2	2	F2F (NR)	KL	Yes	2,350	7	15	3	Coming Soon							27-29					
3	SKG09 : Principle of Seismology, L2	2	F2F (NR)	KL	Yes	3,760	5	15	5	Coming Soon									5-9			
Exploration Geoscience																						
4	SKG09 : Basin Analysis, L2	2	F2F (NR)	KL	Coming Soon	3,990	6	15	5	Coming Soon									5-9			
5	SKG09 : Geological Operations, L2	2	F2F (NR)	Putrajaya	Yes	6,350	6	15	5	Coming Soon											14-18	
6	SKG09 : Petroleum Economic for Exploration, L2	2	F2F (NR)	Putrajaya	Yes	5,880	8	15	5	Coming Soon									19-23			
7	SKG09 : Seismic Interpretation and Mapping, L2	2	F2F (NR)	KL	Yes	3,790	6	15	5	Coming Soon								1-5				
8	SKG09 : Sequence Stratigraphy, L2	2	F2F (NR)	KL	Yes	3,630	6	15	5	Coming Soon										10-14		
9	SKG09 : Basin Analysis, L3	3	F2F (NR)	KL	Coming Soon	4,380	5	15	5	Coming Soon										3-7		
10	SKG09 : Integrated Seismic Interpretation and Mapping, L3	3	F2F (NR)	KL	Coming Soon	19,890	15	15	6	Coming Soon								15-19				
11	SKG09 : Seismic and Sequence Stratigraphy, L3	3	F2F (R)	Labuan & Kota Kinabalu	Yes	15,360	12	15	12	Coming Soon												5-16
Reservoir Geoscience																						
12	SKG09 : Applied Sedimentary Petrology, L2	2	F2F (NR)	KL	Coming Soon	2,290	5	15	4	Coming Soon								8-11				
13	SKG09 : Integrated Reservoir Modeling School (IRMS), L2	2	F2F (NR)	KL	Yes	2,400	8	15	7	Coming Soon								15-19				
14	SKG09 : Reservoir Mapping and Hydrocarbon Resource Assessment, L2	2	F2F (NR)	KL	Yes	5,000	6	15	8	Coming Soon										12-21		
15	SKG09 : Sedimentology, L2	2	F2F (NR/R)	KL & Pekan, Pahang	Coming Soon	8,000	10	15	12	Coming Soon									19-30			
16	SKG09 : Structural Geology, L2	2	F2F (NR/R)	KL & Tanjung Balau, Johor	Coming Soon	6,820	7	15	5	Coming Soon							28/6-7/7					

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

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)	MBOT CPD Hours	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	Coming Soon								8-12					
18	SKG09 : Advanced Time Depth Conversion and Velocities Analysis, L3	3	F2F (NR)	KL	Yes	3,120	5	15	4	Coming Soon								12-15					
19	SKG09 : Integrated Reservoir Modeling School (IRMS), L3	3	F2F (NR)	KL	Yes	2,660	8	15	7	Coming Soon						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	Coming Soon										31/10-11/11			
21	SKG09 : Sedimentology, L3	3	F2F (R)	Bintulu, Miri & Kota Kinabalu	Coming Soon	18,650	14	15	12	Coming Soon											21/11-2/12		
Geophysics																							
22	SKG09 : Basic Seismic Data Acquisition & Processing, L2	2	F2F (NR)	KL	Yes	3,360	6	15	5	Coming Soon					30/5-3/6								
23	SKG09 : Inversion Theory, Seismic Imaging and Modeling, L2	2	F2F (NR)	KL	Yes	2,340	5	15	3	Coming Soon							25-27						
24	SKG09 : Multi-Component & 4D/Time-Lapse Seismic Data Acquisition & Processing, L2	2	F2F (NR)	KL	Yes	2,610	5	15	3	Coming Soon								22-24					
25	SKG09 : Wave Theory & Geophysical Method (Plus Survey Design), L2	2	F2F (NR)	KL	Coming Soon	3,320	5	15	5	Coming Soon								26-30					
26	SKG09 : Advanced Wave Theory, Seismic Data Processing & Inversion Theory, L3	3	F2F (NR)	KL	Yes	3,360	6	15	5	Coming Soon							18-22						
27	SKG09 : Quantitative Interpretation : Advanced Geophysics Interpretation, L3	3	F2F (NR)	KL	Coming Soon	21,230	4	15	5	Coming Soon											21-25		
28	SKG09 : Advance Gas Analysis & Interpretation	NEW PROGRAMME	2	VILT	MS Teams	No	6,560	16	16	5	Coming Soon	Upon Request (Click to Enquire).											

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

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											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	Yes	12,830	10	20	12	Coming Soon										17 - 28		
Petrophysics																						
2	SKG10 : Basic Clastic Petrophysical Analysis, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,430	5	20	3	Coming Soon	Upon Request (Click to Enquire)											
3	SKG10 : Basic Rock Physics, L2 (VILT)	2	VILT	MS Teams	Yes	1,520	5	20	5	Coming Soon												
4	SKG10 : Cased Hole Log Interpretation, L2	2	F2F (NR)	Kemaman	Yes	4,780	8	20	5	Coming Soon									5-9		14 - 18	
5	SKG10 : Complex Lithology Interpretation, L2 (VILT)	2	VILT	MS Teams	Yes	1,430	5	20	4	Coming Soon	Upon Request (Click to Enquire)											
6	SKG10 : Fundamental of Petrophysics, L2 (VILT)	2	VILT	MS Teams	Yes	1,520	5	20	5	Coming Soon			7 - 11									
7	SKG10 : Geology For Non-Geologist, L2 (VILT)	2	VILT	MS Teams	Yes	1,520	5	20	4	Coming Soon							18 - 21					
8	SKG10 : Image Log Analysis and Fractured Reservoir Evaluation, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,520	5	20	5	Coming Soon	Upon Request (Click to Enquire)											
9	SKG10 : LWD Principles & Application, L2 (VILT)	2	VILT	MS Teams	Yes	1,520	5	20	4	Coming Soon								15 - 18				
10	SKG10 : Integrated Reservoir Petrophysics, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,400	5	20	10	Coming Soon							25 - 4					
Petroleum Economics																						
11	SKG10 : Advanced App. Of Economic Modeling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,590	5	20	5	Coming Soon	Upon Request (Click to Enquire)											
12	SKG10 : Petroleum Contract, L2 (VILT)	2	VILT	MS Teams	Yes	1,430	5	20	3	Coming Soon												
13	SKG10 : Petroleum Economics System Appreciation, L2	2	F2F (NR)	KL	Coming Soon	2,100	8	20	3	Coming Soon						13-15				17 - 19		
14	SKG10 : Practices of Petroleum Economics I, L2 (VILT)	2	VILT	MS Teams	Yes	1,430	5	20	3	Coming Soon		15 - 17						9-11				
15	SKG10 : Risk and Uncertainty in Petroleum Valuation, L3 (VILT)	3	VILT	MS Teams	Yes	1,700	5	20	6	Coming Soon								15-22				

SKG10: Petroleum Engineering

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											2022											
											Jan	Feb	Mar	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	Coming Soon	Upon Request (Click to Enquire)											
17	SKG10 : Fluid Sampling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,430	5	20	3	Coming Soon						14 - 16						
18	SKG10 : Formation Damage & Matrix Treatment Technology, L2 (VILT)	2	VILT	MS Teams	Yes	2,050	5	20	10	Coming Soon									19 - 30			
19	SKG10 : Production Analysis in Flow System, L2 (VILT)	2	VILT	MS Teams	Yes	1,740	5	20	5	Coming Soon									5 - 9			
20	SKG10 : Production Chemistry, L2 (VILT)	2	VILT	MS Teams	Yes	2,180	5	20	5	Coming Soon										10 - 14		
21	SKG10 : Production Enhancement I, L2	2	F2F (NR)	KL	Yes	3,440	5	20	5	Coming Soon							18-22					
22	SKG10 : Production Geochemistry, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,420	5	20	2	Coming Soon	Upon Request (Click to Enquire)											
23	SKG10 : Sand Management & Control, L2	2	F2F (NR)	Kemaman	Yes	6,300	8	20	5	Coming Soon												
24	SKG10 : Water Injection Management, L2 (VILT)	2	VILT	MS Teams	Yes	1,960	5	20	5	Coming Soon												
25	SKG10 : Well Completion Design I, L2	2	F2F (NR)	Kemaman	Yes	5,860	5	20	5	Coming Soon									5-9			
26	SKG10 : Advanced ESP and PCP Design & Operations, L3	3	F2F (NR)	Johor Bahru/KL	Yes	8,990	8	20	5	Coming Soon	Upon Request (Click to Enquire)											
27	SKG10 : Advanced Gas Lift & Field Modelling, L3 (VILT)	3	VILT	MS Teams	Yes	1,870	5	20	5	Coming Soon										31/10 - 4/11		
28	SKG10 : Advanced Hydraulic Fracturing, L3 (VILT)	3	VILT	MS Teams	Yes	1,520	5	20	5	Coming Soon	Upon Request (Click to Enquire)											
29	SKG10 : Advanced Scale & Corrosion Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,740	5	20	5	Coming Soon												
30	SKG10 : Production Enhancement II, L3 (VILT)	3	VILT	MS Teams	Yes	1,870	5	20	5	Coming Soon										17 - 21		
31	SKG10 : Well Completion Design II, L3 (VILT)	3	VILT	MS Teams	Yes	1,520	5	20	5	Coming Soon											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)	MBOT CPD Hours	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Reservoir Engineering																						
32	SKG10 : EOR, L2	2	F2F (R)	Putrajaya	Yes	3,110	8	20	3	Coming Soon										1-3		
33	SKG10 : Petroleum Fluid Analysis, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,870	5	20	4	Coming Soon	Upon Request (Click to Enquire)											
34	SKG10 : Practical of Well Testing, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,960	5	20	5	Coming Soon								22-26				
35	SKG10 : Practices of Reservoir Engineering, L2 (VILT)	2	VILT	MS Teams	Yes	3,360	10	20	9	Coming Soon								8- 18		17 - 27		
36	SKG10 : RE for Non-RE, L2 (VILT)	2	VILT	MS Teams	Yes	1,430	5	20	3	Coming Soon							25 - 27					
37	SKG10 : Reservoir Management & Surveillance, L2	2	F2F (NR)	KL	Yes	3,220	10	20	5	Coming Soon									26 - 30		28/11 - 2/12	
38	SKG10 : Rock Properties, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,790	5	20	5	Coming Soon	Upon Request (Click to Enquire)											
39	SKG10 : Complex Fluid, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,610	5	20	3	Coming Soon	Upon Request (Click to Enquire)											
40	SKG10 : Gas Reservoir Engineering, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,400	5	20	5	Coming Soon										14 - 18		
41	SKG10 : Integrated Field Development Planning, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,960	5	20	5	Coming Soon	Upon Request (Click to Enquire)											
42	SKG10 : Reservoir Characterisation & Simulation, L3 (VILT)	3	VILT	MS Teams	Yes	2,140	5	20	5	Coming Soon										7 - 11		
43	SKG10 : Secondary Recovery Process, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,870	5	20	5	Coming Soon										19-23		

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)	MBOT CPD Hours	Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG11 : CS1-1 Soil Investigation, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		9		7								
2	SKG11 : CS1-2 Project Feasibility Study, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		10								6		
3	SKG11 : CS1-3 Foundation Design, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		16			12							
4	SKG11 : CS1-4 Welding and Material Technology, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		17								4		
5	SKG11 : CS1-6 Pipeline Engineering, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon			3			22						
6	SKG11 : CS1-7 Construction Technology, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon			10			23						
7	SKG11 : CS1-8 Inspection & Maintenance, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon			17			27						
8	SKG11 : CS1-9 Metocean (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon			2			28						
9	SKG11 : CS1-10 Basic Training for Excavation Works Supervision (VILT)	1	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon		21 - 22	30 - 31		25 - 26	27 - 28	13-14		13 - 14		1 - 2	1 - 2
10	SKG11 : CS1-11 Structure Design – Offshore, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon										5		
11	SKG11 : CS1-12 Structure Integrity - Offshore, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon						20						
12	SKG11 : CS1-13 Structure Design - Onshore, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon						21						
13	SKG11 : CS1-14 Structure Integrity - Onshore, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon						22						
14	SKG11 : CS1-15 Floating Structure, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon						23						
15	SKG11 : CS2-1 Soil Investigation, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon						27 - 28						
16	SKG11 : CS2-2 Project Feasibility Study, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon						29 - 30						
17	SKG11 : CS2-3 Structure Design - Offshore, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							6 - 7					
18	SKG11 : CS2-4 Structure Integrity - Offshore, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							20 - 21					
19	SKG11 : CS2-5 Structure Design Onshore, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							25 - 26					
20	SKG11 : CS2-6 Structure Integrity Onshore, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							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)	MBOT CPD Hours	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	Yes	1,540	5	15	2	Coming Soon								22-23				
22	SKG11 : CS2-7 Welding and Material Technology, L2	2	F2F (NR)	INSTEP	Coming Soon	3,110	5	15	3	Coming Soon										11-13		
23	SKG11 : CS2-8 Construction Technology, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon								24 - 25				
24	SKG11 : CS2-9 Foundation Design, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon								29 - 30				
25	SKG11 : CS2-10 Inspection & Maintenance, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon			28 - 29					29 - 30				
26	SKG11 : CS3-1 Infrastructure Design Onshore, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon										3 - 4		
27	SKG11 : CS3-2 Structural Design Onshore, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon										5 - 6		
28	SKG11 : CS3-3 Foundation Design Onshore, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon										12 - 13		
29	SKG11 : CS3-4 Construction Technology Onshore, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon										17 - 18		
30	SKG11 : CS3-5 Inspection & Maintenance Onshore, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon										24 - 25		
31	SKG11 : PL1-1 Theory of Pipeline and Codes & Standards L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		8		6								
32	SKG11 : PL1-2 Pipeline & Riser Design, L1 (VILT)	1	VILT	MS Teams	Yes	1,250	5	15	1	Coming Soon		15										
33	SKG11 : PL1-3 Pipeline Integrity Core Technology, L1 (VILT)	1	VILT	MS Teams	Coming Soon	2,080	5	15	3	Coming Soon									27 - 29			
34	SKG11 : PL2-1 Mechanical Design, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon			30 - 31									
35	SKG11 : PL2-2 Stress Design & Installation, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon			15 - 16			13 - 14						
36	SKG11 : PL2-3 Line Pipe, Flexible and Corrosion Resistance Materials, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							13 - 14					
37	SKG11 : PL2-4 Pipeline Construction & Pre-commissioning, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							4 - 5					
38	SKG11 : PL2-5 Flow Assurance, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon			23 - 24				15 - 16					
39	SKG11 : PL2-6 Riser Engineering, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon							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											2022											
		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
40	SKG11 : PL2-7 Onshore Pipeline Design, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon			21-22			20 - 21						
41	SKG11 : PL2-8 Pipeline Integrity Core Technology, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	3	Coming Soon		22 - 24				7 - 9						
42	SKG11 : PL2-10 Pipeline Coating & Lining, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon					25 - 26							
43	SKG11 : PL2-11 Cathodic Protection Design, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon					23 - 24							
44	SKG11 : PL2-12 Pipeline Life Extension, L2 (VILT)	2	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon					30 -31				7-8			
45	SKG11 : PL3-1 HP/HT Pipeline & Risers, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon								3 - 4				
46	SKG11 : PL3-2 Deep & Ultradeep Pipeline & Riser, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon								8 - 9				
47	SKG11 : PL3-3 Advanced Engineering Analysis, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon								10 -11				
48	SKG11 : PL3-4 Geo- Hazards & ROW Design, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon								15 -16				
49	SKG11 : PL3-5 Advanced Pipeline & Riser Material, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon								17 - 18				
50	SKG11 : PL3-6 Advanced Pipeline Repair, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon						1 - 2						
51	SKG11 : PL3-7 Arctic Pipelines, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon									5 - 6			
52	SKG11 : PL3-8 Advanced Risk Based Inspection, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon						8 - 9						
53	SKG11 : PL3-9 Advanced Fitness for Service Assessments, L3 (VILT)	3	VILT	MS Teams	Yes	1,540	5	15	2	Coming Soon						15 - 16						
54	SKG11 : PL3-10 Deepwater Pipeline/ Riser Inspection, Maintenance & Repair, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon						13 -14						
55	SKG11 : PL3-11 Deepwater & Flexible Pipeline/ Riser Design, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon									7 - 8			
56	SKG11 : PL3-12 Limit State Design - Onshore, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,540	5	15	2	Coming Soon									12 - 13			

SKG12: Mechanical Engineering

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my											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	Coming Soon							18-19					
2	SKG12.1 : Condition Monitoring of Rotating Equipment, L2	2	F2F (NR)	KL	Coming Soon	3,290	8	20	3	Coming Soon			14-16									
3	SKG12.1 : DOMI of Compressors & Blowers, L2	2	F2F (NR)	KL	Yes	3,290	10	20	3	Coming Soon									17-19			
4	SKG12.1 : DOMI of Compressors & Blowers, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,270	10	15	3	Coming Soon		21-23										
5	SKG12.1 : DOMI of Gas Turbines, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,270	10	15	3	Coming Soon			7-9									
6	SKG12.1 : DOMI of ICE, Steam Turbines and Turbo Expander, L2	2	F2F (NR)	KL	Coming Soon	4,190	10	15	4	Coming Soon							15-18					
7	SKG12.1 : DOMI of ICE, Steam Turbines and Turbo Expander, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,920	10	15	4	Coming Soon						13-16						
8	SKG12.1 : DOMI of Pumps, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,270	10	15	3	Coming Soon							4-6					
9	SKG12.1 : Machinery Control, Monitoring & Protection, L2	2	F2F (NR)	KL	Coming Soon	2,650	10	20	2	Coming Soon						20-21						
10	SKG12.1 : Machinery Vibration Analysis, L2	2	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon						13-16						
11	SKG12.1 : Operational Performance, L2	2	F2F (NR)	KL	Coming Soon	4,540	8	20	4	Coming Soon							22-25					
12	SKG12.1 : Driven Equipment Workshop, L3	3	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon								12-15				
13	SKG12.1 : Driver Equipment Workshop, L3	3	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon										7-10		
14	SKG12.1 : Intro of New Technology; Subsea & New Equipment Design, L3	3	F2F (NR)	KL	Coming Soon	3,330	10	20	2	Coming Soon												5-6
SKG12.2 Static Fired/Unfired/Piping																						
15	SKG12.2 : DOMI of Static Equipment, L1 (VILT)	1	VILT	MS Teams	Yes	2,890	10	15	4	Coming Soon		21-24										
16	SKG12.2 : Introduction to Piping System, L1 (VILT)	1	VILT	MS Teams	Yes	2,170	8	15	2	Coming Soon						8-9						
17	SKG12.2 : Basic Design & Fabrication of Static (Unfired), L2	2	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon								12-15				
18	SKG12.2 : DOMI of Heat Exchanger, L2	2	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon							22-25					
19	SKG12.2 : DOMI of Piping System and Valves, L2	2	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon										7-10		

- 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)	MBOT CPD Hours	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.2 Static Fired/Unfired/Piping																						
20	SKG12.2 : DOMI of Static (Fired) Equipment, L2	2	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon						27-30						
21	SKG12.2 : Lifting Equipment, L2	2	F2F (NR)	KL	Coming Soon	2,710	10	20	2	Coming Soon							18-19					
22	SKG12.2 : Mechanical Equipment Maintenance, L2	2	F2F (NR)	KL	Coming Soon	2,940	8	20	2	Coming Soon										10-11		
23	SKG12.2 : API 510 Pressure Vessel Inspection, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5	Coming Soon											7-11	
24	SKG12.2 : API 570 Piping Inspection, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5	Coming Soon						27/6 - 1/7						
25	SKG12.2 : API 653 Tank Inspection, Repair, Alteration & Construction, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5	Coming Soon											5-9	
26	SKG12.2 : ASME I Power Boiler, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	7,080	3	15	3	Coming Soon					18-20							
27	SKG12.2 : ASME VIII Div.1 & 2, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	3	15	5	Coming Soon									19-23			
28	SKG12.2 : Asset Life Assessment, L3	3	F2F (NR)	KL	Coming Soon	4,150	10	20	4	Coming Soon									26-29			
29	SKG12.2 : B31.3 Process Piping, L3 (VILT)	3	VILT	IPVideoTalk	Coming Soon	8,010	5	15	5	Coming Soon								1-5				
30	SKG12.2 : Boiler and Steam Technology, L3	3	F2F (NR)	KL	Coming Soon	3,990	10	20	3	Coming Soon									20-22			
31	SKG12.2 : Stress and Thermal Analysis, L3	3	F2F (NR)	KL	Coming Soon	3,330	8	20	2	Coming Soon											1-2	
SKG12.3 Reliability																						
32	SKG12.3 : Benchmarking, L2	2	F2F (NR)	KL	Yes	3,390	10	20	3	Coming Soon								22-24				
33	SKG12.3 : Data Acquisition, Validation & Decision Analysis, L2	2	F2F (NR)	KL	Yes	4,540	10	20	4	Coming Soon							18-21					
34	SKG12.3 : Dependability, L2	2	F2F (NR)	KL	Coming Soon	4,540	10	15	4	Coming Soon											14-17	
35	SKG12.3 : Equipment Reliability Strategy Part 1, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3	Coming Soon								1-3				
36	SKG12.3 : Equipment Reliability Strategy Part 2, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3	Coming Soon											7-9	
37	SKG12.3 : Predictive Maintenance Technique Part 1, L2	2	F2F (NR)	KL	Coming Soon	2,710	10	20	2	Coming Soon									19-20			
38	SKG12.3 : Predictive Maintenance Technique Part 2, L2	2	F2F (NR)	KL	Coming Soon	3,660	10	20	3	Coming Soon											5-7	

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)	MBOT CPD Hours	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG12.3 Reliability																						
39	SKG12.3 : Reliability and Maintainability Engineering Part 1, L2	2	F2F (NR)	KL	Yes	4,700	10	20	4	Coming Soon							8-11					
40	SKG12.3 : Reliability and Maintainability Engineering Part 2, L2	2	F2F (NR)	KL	Yes	4,700	10	20	4	Coming Soon									10-13			
41	SKG12.3 : Root Cause Failure Analysis, L2	2	F2F (NR)	KL	Coming Soon	3,700	10	20	3	Coming Soon						20-22			10-12			
42	SKG12.3 : Asset Life Cycle Cost, L3	3	F2F (NR)	KL	Yes	4,700	10	20	4	Coming Soon					17-20							
43	SKG12.3 : Expert Level Asset Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,390	5	15	4	Coming Soon							8-11					
44	SKG12.3 : Expert Level Business Warehouse 7, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,920	5	15	3	Coming Soon				25-27		20-22				17-19		
45	SKG12.3 : Expert Level Work Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,850	5	15	5	Coming Soon					23-27				19-23		7-11	
SKG12.5 Subsea																						
46	SKG12.5 : Introduction To Subsea Engineering, L1	1	F2F (NR)	INSTEP	Coming Soon	3,250	10	20	3	Coming Soon								23-25				
47	SKG12.5 : Subsea Operational Performance Maintenance & Sparing, L2	2	F2F (NR)	INSTEP	Coming Soon	3,250	10	20	3	Coming Soon									31/10 - 02/11			
48	SKG12.5 : Subsea Xmas Tree and Wellhead, L2	2	F2F (NR)	INSTEP	Coming Soon	3,250	10	20	3	Coming Soon								5-7				
49	SKG12.5 : Intervention of Subsea Equipment, L2	2	F2F (NR)	INSTEP	Coming Soon	3,250	10	20	3	Coming Soon											5-7	
SKG12.6 R&D Mechatronics																						
50	SKG12.6 : Professional Drone Operator	N/A	F2F (NR)	INSTEP*	Yes	6,110	6	12	3	Coming Soon							26-28	2-4 16-18				

SKG13: Electrical Engineering

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

SKG14: Instrumentation & Control

Programme Leader: M Nazmi Mizan +609-668 6322 +6017-909 6972 mnazmi.mizan@petronas.com.my											2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2	1&2	F2F (NR)	KL	Coming Soon	5,170	10	20	5	Coming Soon									26-30			
2	SKG14 : IC1.1 Flow, Level, Pressure & Temperature, L1&2 (VILT)	1&2	VILT	MS Teams	Yes	3,810	8	20	5	Coming Soon		21-25										
3	SKG14 : IC1.2 Liquid and Gas Metering, L1&2	1&2	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5	Coming Soon							25-29					
4	SKG14 : IC1.3 Quality Measurement, L1&2	1&2	F2F (NR)	KL	Coming Soon	4,700	8	20	4	Coming Soon							18-21					
5	SKG14 : IC2 Control Theory and Application, L1&2 (VILT)	1&2	VILT	MS Teams	Yes	3,450	8	20	4	Coming Soon							18-21					
6	SKG14 : IC3 Instrument Engineering Design, L1&2 (VILT)	1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4	Coming Soon							22-25					
7	SKG14 : IC4 Process Computer System, L1&2	1&2	F2F (NR)	INSTEP*	Coming Soon	4,640	8	15	4	Coming Soon								12-15				
8	SKG14 : IC5 Instrumented Safeguarding System, L1&2 (VILT)	1&2	VILT	MS Teams	Coming Soon	3,450	8	20	4	Coming Soon						20-23						
9	SKG14 : IC6 Control Valve, L1&2	1&2	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5	Coming Soon					23-27							
10	SKG14 : IC1.2 Liquid and Gas Metering, L3	3	F2F (NR)	INSTEP*	Coming Soon	4,820	8	15	5	Coming Soon								15-19				
11	SKG14 : IC1.3 Quality Measurement, L3	3	F2F (NR)	KL	Coming Soon	5,050	8	20	4	Coming Soon										10-13		
12	SKG14 : IC2 Control Theory and Application, L3	3	F2F (NR)	KL	Yes	5,050	8	20	4	Coming Soon											7-10	
13	SKG14 : IC3 Instrument Engineering Design, L3	3	F2F (NR)	KL	Coming Soon	5,460	10	20	5	Coming Soon												5-9
14	SKG14 : IC4 Process Computer System, L3	3	F2F (NR)	KL	Coming Soon	5,050	8	20	4	Coming Soon											21-24	
15	SKG14 : IC5 Instrumented Safeguarding System, L3	3	F2F (NR)	KL	Coming Soon	5,020	10	20	4	Coming Soon										24-27		

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

- 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 UDTF)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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	Coming Soon									6-8			
22	SKG15 : Corrosion Testing & Monitoring, L3	3	F2F (NR)	KL	Coming Soon	4,540	7	20	3	Coming Soon									20-22			
23	SKG15 : Fitness for Service, L3	3	F2F (NR)	KL	Yes	3,220	12	20	5	Coming Soon						20-24						
24	SKG15 : Risk Based Inspection Assessment & Auditing, L3	3	F2F (NR)	KL	Yes	3,820	10	20	3	Coming Soon										18-20		

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)	MBOT CPD Hours	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	Coming Soon												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	Coming Soon	Upon Request (Click to Enquire)											
7	SKG16.1 : Well Operations & Maintenance Upstream (VILT)		2	VILT	MS Teams	Coming Soon	2,680	8	10	3	Coming Soon			8-10									
8	SKG16.1 : Introduction to Petroleum Technology INSTEP		Refer to NET PIP : Introduction to Petroleum Technology (VILT)																				
Upstream - Programmes for E2																							
9	SKG16.1 : Gas Lift Optimisation Upstream		2	F2F (NR)	KL	Coming Soon	4,500	10	25	3	Coming Soon						14-16						5-7
10	SKG16.1 : Gas Lift Optimisation Upstream (VILT)		2	VILT	MS Teams	Yes	2,300	8	15	3	Coming Soon					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	Coming Soon	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	Coming Soon		21-25										
14	SKG16.1 : Advance Oil & Gas Handling (Surface), Level 3 Upstream		3	F2F (NR)	KL	Coming Soon	6,590	12	25	5	Coming Soon	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	Coming Soon											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)	MBOT CPD Hours	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Downstream - Programmes for E1																						
17	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream	2	F2F (NR)	KL	Yes	4,250	8	20	3	Coming Soon						21-23						
18	SKG16.1 : Hydrocarbon Movement, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	2,300	8	15	3	Coming Soon	Upon Request (Click to Enquire)											
19	SKG16.1 : Plant Cost Management, Level 2 Downstream	2	F2F (NR)	KL	Yes	4,300	10	20	3	Coming Soon									18-20			
20	SKG16.1 : Plant Performance Monitoring & Optimisation, L2	2	Refer to 16.3 (Process Technology) Calendar																			
21	SKG16.1 : Process Control Theory & Application, Level 2 Downstream	2	F2F (NR)	KL	Yes	5,080	8	20	3	Coming Soon					24-26							
22	SKG16.1 : Process Control Theory & Application, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	2,670	8	10	3	Coming Soon						14-16						
23	SKG16.1 : SSDP Grounding I (Functional) Downstream	2	F2F (NR)	KL	Yes	4,710	10	20	3	Coming Soon	Upon Request (Click to Enquire)											
24	SKG16.1 : SSDP Grounding I (Functional) Downstream (VILT)	2	VILT	MS Teams	Yes	3,170	8	15	3	Coming Soon												
25	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream	2	F2F (NR)	INSTEP*	Yes	5,290	8	20	4	Coming Soon												
26	SKG16.1 : SSDP Grounding II (Multidisciplinary) Downstream (VILT)	2	VILT	MS Teams	Coming Soon	3,370	8	15	4	Coming Soon												
27	SKG16.1 : SSDP Supervisory and Leadership Downstream	2	F2F (NR)	KL	Yes	3,930	14	20	4	Coming Soon												
28	SKG16.1 : HSE Management System	Refer to SKG18 Calendar																				
Downstream - Programmes for E2																						
39	SKG16.1 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																			
30	SKG16.1 : Plant Start Up & Shutdown Downstream	3	F2F (NR)	KL	Yes	4,230	10	25	3	Coming Soon											20-22	
31	SKG16.1 : SKG18 Emergency Management	Refer to SKG18 Calendar																				

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2022													
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
SKG16.2 Production Planning																								
Upstream - Programmes for E1																								
32	SKG16.2 : Introduction to Integrated HC Supply Chain, Level 1 Upstream	1	F2F (NR)	KL	Yes	5,980	8	20	5	Coming Soon					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	Coming Soon		21-25												
34	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream	2	F2F (NR)	KL	Yes	4,420	9	20	3	Coming Soon			22-24											
35	SKG16.2 : HC Accounting and Allocation, Level 2 Upstream (VILT)	2	VILT	MS Teams	Yes	2,250	9	15	3	Coming Soon			15-17											
36	SKG16.2 : HC Planning and Forecasting, Level 2 Upstream	2	F2F (NR)	KL	Coming Soon	3,700	9	20	3	Coming Soon	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	Coming Soon									6-8					
38	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Upstream	2	F2F (NR)	KL	Yes	6,190	9	20	5	Coming Soon													4-8	
39	SKG16.2 : Production Operations, Level 2 Upstream	2	F2F (NR)	KL	Yes	5,890	9	20	5	Coming Soon	Upon Request (Click to Enquire)													
40	SKG16.2 : Production Operations, Level 2 Upstream (VILT)	2	VILT	MS Teams	Yes	3,190	8	15	5	Coming Soon					23-27									
41	SKG16.2 : Surface Production Facilities – Oil/Water & Gas Handling, Level 2 Upstream	2	F2F (NR)	KL	Coming Soon	4,790	8	20	5	Coming Soon						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	Coming Soon												21-25		
43	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream	2	F2F (NR)	KL	Yes	6,620	8	20	5	Coming Soon	Upon Request (Click to Enquire)													
44	SKG16.2 : Well Programming & Integrated Production Enhancement, Level 2 Upstream (VILT)	2	VILT	MS Teams	Yes	3,060	9	15	5	Coming Soon														

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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)	MBOT CPD Hours	2022												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Upstream - Programmes for E2																							
45	SKG16.2 : Petroleum Contract, L2	2	Refer to SKG10 Calendar																				
46	SKG16.2 : Practice of Petroleum Economics, L2	2	Refer to SKG10 Calendar																				
47	SKG16.2 : Advance Oil & Gas Handling (Subsurface), L3	3	Refer to 16.1 (Upstream) Calendar																				
48	SKG16.2 : Advance Oil & Gas Handling (Surface), L3	3	Refer to 16.1 (Upstream) Calendar																				
49	SKG16.2 : Practice of Reservoir Engineering, L3	3	Refer to SKG10 Calendar																				
Downstream - Programmes for E1																							
50	SKG16.2 : Introduction to Integrated HC Supply Chain, L1	1	Refer to 16.2 (Upstream) Calendar																				
51	SKG16.2 : Feedstock Evaluation, Level 2 Downstream	2	F2F (NR)	KL	Coming Soon	3,750	8	10	2	Coming Soon	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	Coming Soon													
53	SKG16.2 : HC Accounting and Allocation, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	2,720	6	10	2	Coming Soon								3-4					
54	SKG16.2 : HC Planning and Forecasting, Level 2 Downstream	2	F2F (NR)	KL	Coming Soon	3,600	6	20	2	Coming Soon	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	Coming Soon													
56	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream	2	F2F (NR)	KL	Yes	4,400	6	20	2	Coming Soon													
57	SKG16.2 : Integrated HC Supply Chain & Optimisation, Level 2 Downstream (VILT)	2	VILT	MS Teams	Yes	2,540	6	10	2	Coming Soon						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	Coming Soon	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	Coming Soon										25-27			

SKG16: Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2022												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
SKG16.3 Process Technology																							
Process Technology - Programmes for E1																							
60	SKG16.3 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Improvement/Optimization) Calendar																				
61	SKG16.3 : Grounding Program, Level 2	2	F2F (NR)	KL	Yes	11,850	9	20	10	Coming Soon					23/5 – 3/6								
62	SKG16.3 : Grounding Program, Level 2 (VILT)	2	VILT	MS Teams	Coming Soon	4,830	9	20	10	Coming Soon					20/6 - 1/7				17-28				
63	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2	2	F2F (NR)	KL	Yes	4,000	10	25	3	Coming Soon													
64	SKG16.3 : Plant Performance Monitoring & Optimization, Level 2 (VILT)	2	VILT	MS Teams	Yes	2,180	9	15	3	Coming Soon					30/5 – 1/6				6-8			6-8	
65	SKG16.3 : Safety in Process Design & Operations, Level 2	2	F2F (NR)	KL / Kota Kinabalu (KK)	Yes	5,020	10	25	4	Coming Soon			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	Coming Soon							8-11						
67	SKG16.3 : Water Technology, Level 2 (Waste Water)	2	F2F (NR)	KL	Yes	3,830	9	20	2	Coming Soon	Upon Request (Click to Enquire)												
68	SKG16.3 : Water Technology, Level 2 (Waste Water) (VILT)	2	VILT	MS Teams	Yes	1,910	9	15	2	Coming Soon	Upon Request (Click to Enquire)												
69	SKG16.3 : Water Technology, Level 2 (Water Utility)	2	F2F (NR)	KL	Coming Soon	5,740	9	20	4	Coming Soon			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	Coming Soon						27-30							
Process Technology - Programmes for E2																							
71	SKG16.3 : Design of Water System, Level 3	3	F2F (NR)	KL	Yes	9,390	8	20	5	Coming Soon					30/5 – 3/6								
72	SKG16.3 : Distillation Design & Operations, Level 3 (VILT)	3	VILT	MS Teams	Coming Soon	3,530	6	15	3	Coming Soon			22-24										
73	SKG16.3 : HAZOP Leader, Level 3	3	F2F (NR)	KL	Yes	4,600	9	20	3	Coming Soon	Upon Request (Click to Enquire)												
74	SKG16.3 : HAZOP Leader, Level 3 (VILT)	3	VILT	MS Teams	Yes	2,380	9	15	3	Coming Soon		8-10											
75	SKG16.3 : Process Risk Assessment & Tools, Level 3	3	F2F (NR)	KL	Yes	4,210	7	20	2	Coming Soon			15-16			8-9				20-21			
76	SKG16.3 : Process Risk Assessment & Tools, Level 3 (VILT)	3	VILT	MS Teams	Yes	2,380	9	15	2	Coming Soon							20-21						

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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)	MBOT CPD Hours	2022											
Jan	Feb	Mac	Apr	May										June	July	Aug	Sept	Oct	Nov	Dec					
Process Safety- Programmes for E1																									
77	SKG16.3 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																						
78	SKG16.3 : Safety in Process Design & Operations, L2	2	Refer to 16.3 (Process Technology) Calendar																						
79	SKG16.3 : SKG18 Incident Investigation, L2	2	Refer to SKG18 Calendar																						
80	SKG16.3 : HAZOP Leader, L3	3	Refer to 16.3 (Process Technology) Calendar																						
Process Safety- Programmes for E2																									
81	SKG16.3 : Hazardous Area Classification, Level 2 (VILT)	2	VILT	MS Teams	Yes	2,380	9	15	3	Coming Soon					17-19										
82	SKG16.3 : HAZID & What If Technique, Level 2	2	F2F (NR)	KL	Yes	4,210	7	20	2	Coming Soon	Upon Request (Click to Enquire)														
83	SKG16.3 : HAZID & What If Technique, Level 2 (VILT)	2	VILT	MS Teams	Yes	2,250	9	15	2	Coming Soon								7-8							
84	SKG16.3 : LOPA, Level 2 (VILT)	2	VILT	MS Teams	Yes	1,720	9	15	2	Coming Soon										1-2					
85	SKG16.3 : QRA & Consequence Modelling, Level 3 (VILT)	3	VILT	MS Teams	Yes	3,170	9	20	3	Coming Soon			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	Yes	6,630	6	20	3	Coming Soon											13-15				
88	SKG16.4 : Introduction to Multivariable Predictive Control, Level 2	2	F2F (NR)	KL	Yes	5,880	5	20	2	Coming Soon								4-5							
89	SKG16.4 : MPC Implementation, Level 2	2	F2F (NR)	KL	Yes	7,260	6	20	4	Coming Soon							22-25								
90	SKG16.4 : Process Control Theory and Application, Level 2	2	F2F (NR)	KL	Yes	7,250	9	20	5	Coming Soon			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	Coming Soon							18-22								
92	SKG16.4 : Regression and First Principle Inference, Level 2	2	F2F (NR)	KL	Yes	7,490	6	20	4	Coming Soon	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	Yes	8,000	8	20	4	Coming Soon								12-15							

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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)	MBOT CPD Hours	2022												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Process Simulation & Optimisation - Programmes for E1																							
94	SKG16.4 : Grounding Program, L2	2	Refer to 16.3 (Process Technology) Calendar																				
95	SKG16.4 : iCON Basic Training, Level 2	2	F2F (NR)	INSTEP/ Bangi	Yes	6,530	12	20	5	Coming Soon						12-16 (INSTEP)			26-30 (Bangi)			5-9 (Bangi)	
96	SKG16.4 : iCON Basic Training, Level 2 (VILT)	2	VILT	MS Teams	Yes	3,220	9	15	5	Coming Soon							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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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)	MBOT CPD Hours	2022											
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SKG16.5 Process Engineering/Design																						
Process Engineering - Programmes for E1																						
106	SKG16.5 : iCON Basic Training by GTS	2	Refer to 16.4 (Plant Simulation & Optimization) Calendar																			
107	SKG16.5 : Flow Assurance Masterclass	2	F2F (NR)	KL	Coming Soon	4,840	7	20	4	Coming Soon							25-28					
108	SKG16.5 : PVT & EOS	2	F2F (NR)	KL	Coming Soon	8,810	7	20	5	Coming Soon										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		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																			

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- HRD Corp Claimable for selected INSTEP programmes

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)	MBOT CPD Hours	2022												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
SKG16.6 Analytical And Product & Application Technology																							
Analytical Technology - Programmes for E1																							
125	SKG16.6 : Analytical Equipment: Chromatography and Spectroscopy Part 1 & 2, Level 2	2	F2F (NR)	Melaka	Coming Soon	6,690	5	20	5	Coming Soon						20-24							
126	SKG16.6 : Lab Safety, Level 2 (VILT)	2	VILT	MS Teams	Yes	3,570	6	10	4	Coming Soon			28-31										
127	SKG16.6 : Method and Standards for Sampling and Testing, Level 2 (VILT)	2	VILT	MS Teams	Yes	3,570	6	10	4	Coming Soon				23-26									
Analytical Technology - Programmes for E2																							
128	SKG16.6 : Statistics, Calibration and Method Validation, Level 2	2	F2F (NR)	KL	Coming Soon	6,710	6	20	4	Coming Soon						13-16							
129	SKG16.6 : Advanced Atomic Absorption, Level 3	3	F2F (NR)	Putrajaya	Coming Soon	7,000	7	20	5	Coming Soon								5-9					
130	SKG16.6 : Advanced Gas Chromatography, Level 3	3	F2F (NR)	Putrajaya	Coming Soon	6,400	5	20	5	Coming Soon							22-25						
131	SKG16.6 : Advanced XRF Training, Level 3	3	F2F (NR)	Kerteh	Coming Soon	9,530	5	20	3	Coming Soon											28-30		

SKG18: Health, Safety & Environment Programme

Programme Leader: Siti Aishah Aina Ahmad Shafri +609-668 6346 +6011-19277019 sitiashahaina.ahma@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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	Coming Soon							4-5					
2	SKG18 : HSE Management System (HSE MS), L2	2	F2F (NR)	KL	Yes	5,070	8	20	4	Coming Soon									3-6			
3	SKG18 : HSE Management System (HSE MS), L2 (VILT)	2	VILT	MS Teams	Coming Soon	4,140	8	20	4	Coming Soon							1-4					
SKG18.0 - General HSE																						
4	SKG18 : Environmental Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3	Coming Soon						21-23						
5	SKG18 : Incident Investigation, L2	2	F2F (NR)	KL	Coming Soon	2,980	8	20	2	Coming Soon											12-13	
6	SKG18 : Incident Investigation, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,320	8	20	2	Coming Soon		16-17				13-14						
7	SKG18 : Management of Contractor HSE, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,320	8	20	2	Coming Soon			2-3									
8	SKG18 : Management of Hazardous Chemicals and Waste, L2 (VILT)	2	VILT	MS Teams	Yes	1,910	5	20	3	Coming Soon									11-13			
9	SKG18 : Safe System of Work, L2 (VILT)	2	VILT	MS Teams	Yes	3,230	8	20	3	Coming Soon							9-11					
10	SKG18 : Behavioral Safety, L3 (VILT)	3	VILT	MS Teams	Yes	2,320	8	10	2	Coming Soon					18-19							
SKG18.0.1 - Emergency Management																						
11	SKG18 : Emergency & Crisis Management, L2 (VILT)	2	VILT	MS Teams	Yes	2,320	8	20	2	Coming Soon				4-5								
12	SKG18 : Fire Protection & Prevention, L3 (VILT)	3	VILT	MS Teams	Yes	1,470	4	15	3	Coming Soon	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	Coming Soon												
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	Coming Soon	Upon Request (Click to Enquire)											
15	SKG18 : Inherent Safety, L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,320	8	10	2	Coming Soon												
16	SKG18 : Managing Major Hazard, L3 (VILT)	3	VILT	MS Teams	Yes	1,610	8	15	2	Coming Soon				20-21								
17	SKG18 : Operational Safety Management (OSM), L3 (VILT)	3	VILT	MS Teams	Coming Soon	2,160	8	10	3	Coming Soon							26-28					
18	SKG18 : Process Safety Management (PSM), L3 (VILT)	3	VILT	MS Teams	Yes	2,160	8	10	3	Coming Soon								20-22				

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

SKG18: Health, Safety & Environment Programme

Programme Leader: Siti Aishah Aina Ahmad Shafri +609-668 6346 +6011-19277019 sitiashahaina.ahma@petronas.com.my					Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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	Coming Soon							16-18								
20	SKG18 : Fire Risk Assessment (FRA), L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon						28-30									
SKG18.2 - Environment																									
21	SKG18 : Air Emission Management, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,910	4	10	3	Coming Soon								27-29							
22	SKG18 : Environmental Risk Assessment EAI & HER, L3 (VILT)	3	VILT	MS Teams	Coming Soon	1,610	4	10	3	Coming Soon							13-14								
23	SKG18 : Environmental Management, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3	Coming Soon	Refer to SKG18.0 General HSE														
24	SKG18 : Project Environmental Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon							23-25								
25	SKG18 : Spill Prevention and Contaminated Sites Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon							26-28								
26	SKG18 : Water & Wastewater Management, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon								6-8							
SKG18.3 – Industrial Hygiene																									
27	SKG18 : Engineering Control in Managing Health Risks, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon				26-28											
28	SKG18 : Applied Ergonomics, L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon									4-6						
29	SKG18 : Fundamental of OH and IH, L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,910	5	15	3	Coming Soon							5-7								
30	SKG18 : Health Risk Assessment (HRA), L3 (VILT)	3	VILT	MS Teams	Yes	1,910	4	10	3	Coming Soon						14-16									
31	SKG18 : SHOC & HCA TTT, L3 (VILT)	3	VILT	MS Teams	Coming Soon	3,670	5	10	4	Coming Soon										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	Coming Soon	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	Coming Soon				13-14											

- 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)	MBOT CPD Hours	2022											
												Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG19 : PM3 Project Time Management , L1	UPDATED DATE	1	F2F (NR)	KL	Yes	1,710	20	25	2	Coming Soon							10-11					
2	SKG19 : PM4 Project Cost Management, L1	UPDATED DATE	1	F2F (NR)	KL	Coming Soon	1,710	20	25	2	Coming Soon							19-20					
3	SKG19 : Process Schematic and P&ID, L1		1	F2F (NR)	INSTEP*	Yes	2,700	20	25	3	Coming Soon					14-16							
4	SKG19 : Project Management Essentials, L1 (VILT)		1	VILT	MS Teams	Yes	3,200	15	20	5	Coming Soon					20-24					7-11		
5	SKG19 : Safety Process Design Application in Plant Commissioning & Start up (SPDA), L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	2,080	10	15	3	Coming Soon												
6	SKG19 : SIMOPS, L1 (VILT)	UPDATED DATE	1	VILT	MS Teams	Coming Soon	770	15	20	2	Coming Soon						5-6						
7	SKG19 : PM1 Project Integration Management, L2	UPDATED DATE	2	F2F (NR)	KL	Yes	2,210	20	25	2	Coming Soon										2-3		
8	SKG19 : PM2 Project Scope Management, L2	UPDATED DATE UPDATED FEE	2	F2F (NR)	KL	Yes	2,210	20	25	2	Coming Soon									31/10-1/11			
9	SKG19 : PM3 Project Time Management , L2	UPDATED DATE UPDATED FEE	2	F2F (NR)	KL	Yes	2,210	20	25	2	Coming Soon									17-18			
10	SKG19 : PM4 Project Cost Management, L2	UPDATED DATE UPDATED FEE	2	F2F (NR)	KL	Coming Soon	2,210	20	25	2	Coming Soon									31/10-1/11			
11	SKG19 : PM5 Project Quality Management, L2	UPDATED DATE	2	F2F (NR)	KL	Coming Soon	2,210	20	25	2	Coming Soon							5-6					
12	SKG19 : PM6 Project Organization & Manning Management, L2		2	F2F (NR)	KL	Coming Soon	2,210	15	25	2	Coming Soon										8-8		
13	SKG19 : PM7 Project Communication Management, L2	UPDATED DATE	2	F2F (NR)	KL	Yes	2,210	15	25	2	Coming Soon										21-22		
14	SKG19 : PM8 Project Risk Management, L2		2	F2F (NR)	KL	Coming Soon	2,210	20	25	2	Coming Soon							6-7					
15	SKG19 : PM9 Project Procurement Management, L2	UPDATED DATE	2	F2F (NR)	KL	Yes	2,210	20	25	2	Coming Soon										15-16		
16	SKG19 : PM10 Project HSE Management, L2	UPDATED DATE	2	F2F (NR)	KL	Coming Soon	2,210	20	25	2	Coming Soon									19-20			
17	SKG19 : Turnaround Management, L1/L2		2	F2F (NR)	KL	Yes	2,260	15	20	2	Coming Soon									25-26			

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)	MBOT CPD Hours	2022											
												Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
18	SKG19 : PM1 Project Integration Management, L3	UPDATED DATE UPDATED FEE	3	F2F (NR)	KL	Yes	1,550	20	25	1	Coming Soon										17		
19	SKG19 : PM2 Project Scope Management, L3		3	F2F (NR)	KL	Yes	1,550	20	25	1	Coming Soon							6					
20	SKG19 : PM3 Project Time Management , L3	UPDATED DATE UPDATED FEE	3	F2F (NR)	KL	Yes	1,550	20	25	1	Coming Soon									7			
21	SKG19 : PM4 Project Cost Management, L3		3	F2F (NR)	KL	Coming Soon	1,550	20	25	2	Coming Soon							12					
22	SKG19 : PM5 Project Quality Management, L3	UPDATED DATE UPDATED FEE	3	F2F (NR)	KL	Yes	1,550	10	15	1	Coming Soon							7					
23	SKG19 : PM6 Project Organization & Manning Management, L3		3	F2F (NR)	KL	Coming Soon	1,550	20	25	1	Coming Soon									14			
24	SKG19 : PM7 Project Communication Management, L3 (VILT)		3	VILT	MS Teams	Yes	1,010	10	15	1	Coming Soon						25						
25	SKG19 : PM8 Project Risk Management, L3		3	F2F (NR)	KL	Yes	1,550	20	25	1	Coming Soon							8					
26	SKG19 : PM9 Project Procurement Management, L3 (VILT)		3	VILT	MS Teams	Yes	1,010	10	15	2	Coming Soon				28-29								
27	SKG19 : PM10 Project HSE Management, L3	UPDATED FEE	3	F2F (NR)	KL	Yes	1,550	20	25	1	Coming Soon									20			
28	SKG19 : Project Management Professional (PMP) Preparation (VILT)		3	VILT	MS Teams	Coming Soon	4,320	15	20	5	Coming Soon									17-21			
29	SKG19 : Turnaround Management, L3		3	F2F (NR)	KL	Yes	2,260	15	20	2	Coming Soon								21-22				

SKG25: Drilling

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my											2022											
											Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	SKG25 : Borehole Survey & Survey Mgmt Trg , L2 (VILT)	2	VILT	MS Teams	Yes	1,260	5	20	3	Coming Soon			15-17									
2	SKG25 : Casing Materials and Connection Selection, L2 (VILT)	2	VILT	MS Teams	Yes	1,870	5	20	5	Coming Soon			28/3 - 1/4									
3	SKG25 : Cementing , L2 (VILT)	2	VILT	MS Teams	Yes	1,590	5	20	5	Coming Soon							18 - 22					
4	SKG25 : Coiled Tubing Operation, L2	2	F2F (NR)	Kemaman	Coming Soon	10,240	10	20	5	Coming Soon										21 - 25		
5	SKG25 : Deepwater Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	10,140	10	20	5	Coming Soon	Upon Request (Click to enquire)											
6	SKG25 : Drilling & Completion Fluids , L2 (VILT)	2	VILT	MS Teams	Coming Soon	1,590	5	20	5	Coming Soon												
7	SKG25 : Drilling for Non Driller, L2 (VILT)	2	VILT	MS Teams	Coming Soon	3,970	5	10	2	Coming Soon							16 - 17					
8	SKG25 : Electric Line Operation, L2	2	F2F (NR)	Kemaman	Coming Soon	4,800	10	20	3	Coming Soon	Upon Request (Click to enquire)											
9	SKG25 : Extended Reach Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	9,590	10	20	3	Coming Soon	Upon Request (Click to enquire)											
10	SKG25 : HPHT, L2 (VILT)	2	VILT	MS Teams	Coming Soon	10,140	10	20	5	Coming Soon	Upon Request (Click to enquire)											
11	SKG25 : HSE in Drilling, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,800	8	20	5	Coming Soon												
12	SKG25 : IWCF Well Control, L2 (VILT)	2	VILT	MS Teams	Coming Soon	6,940	5	6	5	Coming Soon												
13	SKG25 : Manage Pressure Drilling (MPD) , L2 (VILT)	2	VILT	MS Teams	Yes	1,420	5	20	2	Coming Soon												
14	SKG25 : Plug & Abandonment Awareness, L2 (VILT)	2	VILT	MS Teams	Coming Soon	2,980	5	20	2	Coming Soon			22 - 23									
15	SKG25 : Pore Pressure Prediction & Mechanical Borehole Stability, L2 (VILT)	2	VILT	MS Teams	Coming Soon	11,380	12	15	8	Coming Soon			14 - 24									

SKG25: Drilling

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

NET UPG: Exploration & Production (E&P)

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609 - 668 6148 +6016 – 6569468 mohamadmuaz.abdrasi@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)	MBOT CPD Hours	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 E&P : Basic Petroleum Prod, Transportation & Processes	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon	Upon Request (Click to Enquire)											
2	NET E&P : Gaslift Operations and Optimisation	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
3	NET E&P : Gas Compression and Compressor Operation & Control	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
4	NET E&P : Water Injection System	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
5	NET E&P : Wellhead and Production Header System	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
6	NET E&P : Petroleum Liquid and Gas Properties	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
7	NET E&P : Pipe, Valve, Fitting & PNID	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
8	NET E&P : Produced Water Treatment System On The Platform	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												
9	NET E&P : Gas Dehydration and Regeneration System	x			x	x	x			F2F (NR)	KL	Coming Soon	3,510	6	20	3	Coming Soon												

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)	MBOT CPD Hours	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		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon					30/5-1/6				12-14			
2	NET P&A : Cooling Water		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon							18-20					
3	NET P&A : Filter and Strainer: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2	Coming Soon							21-22					
4	NET P&A : Furnace		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2	Coming Soon							28-29					
5	NET P&A : Gas Turbine: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon							4-6					
6	NET P&A : Piping and Valves		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon								1-3				
7	NET P&A : Plant Air Systems		x		x	x	x			F2F (NR)	KL	Coming Soon	3,060	6	20	2	Coming Soon												13-14
8	NET P&A : Reactor: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon							25-27					
9	NET P&A : Steam Turbine: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon								22-24				
10	NET P&A : Tankage and Storage		x		x	x	x			F2F (NR)	KL	Yes	4,700	6	20	3	Coming Soon								1-3				
11	NET P&A : Terminal Operation		x		x	x	x			F2F (NR)	KL	Yes	3,830	6	20	2	Coming Soon										17-18		
12	NET P&A : Utility: Flare, LDS & Fuel Gas System		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon										3-5		
13	NET P&A: Heat Exchangers: Operation and Care		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon							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	Coming Soon						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)	MBOT CPD Hours	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		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon					23-25			15-17				5-7
16	NET P&A: Pump Operation and Care (VILT)		x		x	x	x			VILT	MS Teams	Yes	3,240	5	20	3	Coming Soon							8-10					
17	NET P&A: Water and Waste Water Treatment System		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon					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	Coming Soon		21-23										
19	NET P&A: Fundamentals Process Control System Engineering			x				x		F2F (NR)	INSTEP*	Yes	6,530	8	20	4	Coming Soon										14-17		
20	NET P&A: Separation Process			x				x		F2F (NR)	KL	Coming Soon	3,240	6	20	2	Coming Soon						7-8						
21	NET P&A: Separation Process (VILT)			x				x		VILT	MS Teams	Yes	2,360	5	20	2	Coming Soon								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)	MBOT CPD Hours	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		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2	Coming Soon							4-5					
2	NET P&A : Inventory and Record		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2	Coming Soon							25-26					
3	NET P&A: Laboratory Safety		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon					23-25							
4	NET P&A: Laboratory Safety (VILT)		x		x	x	x			VILT	MS Teams	Coming Soon	3,240	5	20	2	Coming Soon			7-8									
5	NET P&A : Physical and Biological Techniques		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon								22-24				
6	NET P&A : Reagent Preparation and Standardisation		x		x	x	x			F2F (NR)	KL	Coming Soon	3,780	6	20	2	Coming Soon								26-27				
7	NET P&A : Sample Management and Field Testing		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon									17-19			
8	NET P&A : Spectroscopy Technique Analysis		x		x	x	x			F2F (NR)	Melaka	Coming Soon	4,700	6	20	3	Coming Soon										7-9		
9	NET P&A : Titration and Electrochemistry		x		x	x	x			F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon											5-7	
10	NET P&A : Water & Wastewater Analysis		x		x	x	x			F2F (NR)	INSTEP	Coming Soon	3,740	6	20	3	Coming Soon						7-9						
11	NET P&A : Calibration Requirements of Laboratory			x			x	x		F2F (NR)	KL	Coming Soon	4,700	6	20	3	Coming Soon								8-10				
12	NET P&A : Maintenance and Troubleshooting of Gas			x			x	x		F2F (NR)	INSTEP	Yes	3,130	6	20	3	Coming Soon									12-14			
13	NET P&A: Principles and Calibration of Gas Chromatograph			x			x	x		F2F (NR)	KL	Yes	4,700	6	20	3	Coming Soon						20-22						
14	NET P&A: Principles and Calibration of Gas Chromatograph (VILT)			x			x	x		VILT	MS Teams	Yes	3,240	5	20	3	Coming Soon						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)	MBOT CPD Hours	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	Yes	3,350	5	15	2	Coming Soon								9-10				
2	NET CIVIL : Painting & Heat Protection Technology	x	x	x	x	x	x			F2F (NR)	KL	Yes	3,350	5	15	2	Coming Soon						22-23		17-18				
3	NET CIVIL : Road, Sewerage and General Services Technology UPDATED DATE	x	x	x	x	x	x			F2F (NR)	KL	Yes	3,700	5	15	3	Coming Soon								16-18				
4	NET CIVIL : Scaffolding Appreciation	x	x	x	x	x	x			F2F (NR)	INSTEP*	Yes	3,030	5	15	3	Coming Soon									25-27			
5	NET CIVIL : Structural Work and Maintenance Technology	x	x	x	x	x	x			F2F (NR)	KL	Yes	3,350	5	15	2	Coming Soon								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)	MBOT CPD Hours	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 MECH : Advance NDT method: Eddy Current		N/A						F2F (NR)	Shah Alam	Yes	4,200	12	20	4	Coming Soon										11-13			
2	NET MECH : Alignment Principles & Technology			x	x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon													
3	NET MECH : Basic Principles of Rotating Equipment					x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon				17-19									
4	NET MECH : Bearing Technology and Maintenance				x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon						19-21							
5	NET MECH : BIKE Appreciation Module UPDATED DATE								F2F (NR)	INSTEP*	Coming Soon	3,390	10	20	3	Coming Soon										21-23			
6	NET MECH : Centrifugal Gas Compressor								F2F (NR)	INSTEP*	Yes	3,090	10	15	3	Coming Soon						28-30							
7	NET MECH : Condition Monitoring of Rotary Equipment					x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon							9-11						
8	NET MECH : Corrosion Control and Monitoring					x	x	x	F2F (NR)	KL / Kerteh	Coming Soon	3,470	12	20	3	Coming Soon										7-9			
9	NET MECH : Destructive Testing					x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2	Coming Soon							9-10						
10	NET MECH : Diesel engine: Operation & Maintenance					x	x	x	F2F (NR)	KL / Kerteh	Yes	3,580	15	20	4	Coming Soon							8-11						
11	NET MECH : Equipment Balancing					x	x	x	F2F (NR)	Kerteh	Yes	3,100	12	15	3	Coming Soon							23-25						
12	NET MECH : Gas turbine: Operation and Maintenance UPDATED DATE			x	x	x	x	x	F2F (NR)	Kuantan / Kerteh	Yes	3,820	13	20	4	Coming Soon							15-18 22-25	12-15					
13	NET MECH : Hydraulic Systems: Operation, Troubleshooting & Maintenance				x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon						14-16							
14	NET MECH : Liquid Penetrant Testing (PT) UPDATED DATE					x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon									17-18				
15	NET MECH : Lubrication and Filtration					x	x	x	F2F (NR)	Melaka / Kerteh	Yes	3,510	15	20	3	Coming Soon									18-20				
16	NET MECH : Magnetic Particle Testing (MT) UPDATED DATE					x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3	Coming Soon									19-20				
17	NET MECH : Mechanical Seal Maintenance and Troubleshooting		x	x	x	x	x	F2F (NR)	KL / Kerteh	Yes	3,380	15	20	3	Coming Soon														
18	NET MECH : Non-Destructive Testing				x	x	x	F2F (NR)	INSTEP*	Yes	2,680	10	15	4	Coming Soon							8-11							
19	NET MECH : Painting and Coating Inspection					x		F2F (NR)	INSTEP*	Yes	2,180	10	15	2	Coming Soon									19-20					

- 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)	MBOT CPD Hours	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)																				
20	NET MECH : Pneumatic Systems: Operation, Troubleshooting & Maintenance	N/A			x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon							26-28						
21	NET MECH : Positive Displacement Pump		x	x	x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2	Coming Soon						13-14								
22	NET MECH : Precision Measurement Tools and Bench Fittings			x	x	x	x	F2F (NR)	INSTEP*	Yes	2,900	10	15	4	Coming Soon								22-25						
23	NET MECH : Precision Practical Alignment		x	x	x	x	x	F2F (NR)	INSTEP*	Coming Soon	3,030	10	15	3	Coming Soon							16-18							
24	NET MECH : Pressure Relieving Devices UPDATED DATE				x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2	Coming Soon							22-23							
25	NET MECH : Professional Drone Operator							F2F (NR)	INSTEP	Yes	6,110	6	12	3	Coming Soon						14-16	26-28	2-4 16-18						
26	NET MECH : Pump Troubleshooting				x	x	x	F2F (NR)	INSTEP*	Yes	2,180	10	15	2	Coming Soon										25-26				
27	NET MECH : Quality Control				x	x	x	F2F (NR)	KL	Yes	3,470	15	20	3	Coming Soon										25-27				
28	NET MECH : Quality Control of Rotating Equipment UPDATED DATE				x	x	x	F2F (NR)	INSTEP*	Yes	2,200	10	15	3	Coming Soon											7-9			
29	NET MECH : Reciprocating Compressor		x	x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon			8-10											
30	NET MECH : Single Stage Centrifugal Pump			x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon										17-19				
31	NET MECH : Single Stage Steam Turbine			x	x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon					24-26									
32	NET MECH : Tank Maintenance and Repair UPDATED DATE		x	x	x	x	x	F2F (NR)	INSTEP*	Yes	3,340	10	15	4	Coming Soon											21-24			
33	NET MECH : Troubleshooting Technique of Rotating Equipment		x	x	x	x	x	F2F (NR)	KL / Kerteh	Yes	3,770	12	15	3	Coming Soon						7-9	5-7	2-4						
34	NET MECH : Ultrasonic Testing (UT)				x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon									6-8					
35	NET MECH : Unfired Pressure Vessel Inspection UPDATED DATE				x	x		F2F (NR)	INSTEP*	Yes	2,960	10	15	3	Coming Soon								26-28						
36	NET MECH : Valves and Safety Valves Maintenance & Repair				x	x	x	F2F (NR)	INSTEP*	Yes	3,030	10	15	3	Coming Soon										18-20				
37	NET MECH : Vibration Survey and Analysis				x	x	x	F2F (NR)	Kerteh	Yes	3,100	12	15	3	Coming Soon											1-3			
38	NET MECH : Welding Inspection				x	x		F2F (NR)	INSTEP*	Yes	2,130	10	15	3	Coming Soon			29-31											
39	NET MECH : Welding Technology	x	x	x			F2F (NR)	INSTEP*	Yes	2,610	10	15	4	Coming Soon										17-20					

- 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)	MBOT CPD Hours	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 ELEC : Heating, Ventilation & Air Conditioning System (VILT)	x	x		x	x	x			VILT	MS Teams	Yes	2,790	5	10	3	Coming Soon						14 - 16						
2	NET ELEC : Heating, Ventilation & Air Conditioning System	x	x		x	x	x			F2F (NR)	INSTEP	Yes	3,370	8	10	4	Coming Soon									17 - 20			
3	NET ELEC : Maintenance and Troubleshooting of Low Voltage Motor (VILT)	x	x		x	x	x			VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon			9 - 10									
4	NET ELEC : Portable Electrical Equipment and Temporary Installation (VILT)	x	x		x	x	x			VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon		23-24		11-2								
5	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	Coming Soon					30 - 31							
6	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	Coming Soon			16 - 18									
7	NET ELEC : Motor Control System	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	Yes	3,620	5	10	4	Coming Soon										21 - 24		
8	NET ELEC : High Voltage Switching and Generator Synchronizing Practice	x	x	x	x	x	x	x		F2F (NR)	INSTEP*	Yes	6,910	5	10	5	Coming Soon						12-16					27/11 – 1/12	
9	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	5	Coming Soon										17 - 21		
10	NET ELEC : Technical Trade Specialist (TTS) Preparatory	x	x	x					x	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10		Coming Soon	Upon Request (Click to Enquire)											
11	NET ELEC : Technical Trade Specialist (TTS) Assessment	x	x	x					x	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10		Coming Soon												
12	NET ELEC : Condition-Based Monitoring of High Voltage Switchgears and Transformers		x	x			x	x	x	F2F (NR)	INSTEP*	Yes	3,620	5	10	4	Coming Soon											5 - 8	
13	NET ELEC : Electrical Protection System (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon			30 - 31									
14	NET ELEC : Earthing, Lightning & Cathodic Protection System (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,790	5	10	3	Coming Soon									5 - 7			
15	NET ELEC : Earthing, Lightning & Cathodic Protection System		x	x			x	x	x	F2F (NR)	INSTEP	Yes	3,050	5	10	3	Coming Soon											13 - 15	
16	NET ELEC : Fire Alarm, Public Address & General Alarm System (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,790	5	10	3	Coming Soon								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)	MBOT CPD Hours	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
17	NET ELEC : Generator Operation and Control System (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon						7 - 9			21 - 22			
18	NET ELEC : Generator Operation and Control System		x	x			x	x	x	F2F (NR)	INSTEP	Yes	3,050	5	10	3	Coming Soon								21 - 22				
19	NET ELEC : High Voltage System Switching		x	x			x	x	x	F2F (NR)	INSTEP*	Yes	3,220	5	10	3	Coming Soon										1 - 3		
20	NET ELEC : Motor Operated Valve (MOV)		x	x		x	x	x	x	F2F (NR)	INSTEP*	Yes	2,310	5	10	2	Coming Soon									15 - 16			
21	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	Coming Soon							2 - 4					
22	NET ELEC : Maintenance and Troubleshooting of AC & DC UPS System		x	x			x	x	x	F2F (NR)	INSTEP	Yes	3,050	5	10	3	Coming Soon						4-6						
23	NET ELEC : Operation and Maintenance of High Voltage Motor (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,380	5	10	3	Coming Soon								4 - 6				
24	NET ELEC : Operation and Maintenance of High Voltage Motor		x	x			x	x	x	F2F (NR)	INSTEP	Yes	3,050	8	10	3	Coming Soon						28 - 30						
25	NET ELEC : Operation and Maintenance of Solar Energy (VILT)		x	x			x	x	x	VILT	MS Teams	Yes	2,480	5	10	3	Coming Soon						21 - 23		27 - 29				
26	NET ELEC : Operation and Maintenance of Solar Energy		x	x			x	x	x	F2F (NR)	INSTEP	Yes	3,080	8	10	3	Coming Soon								11-13				
27	NET ELEC : Power Management Practice (VILT)		x	x		x	x	x	x	VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon						13 - 14						
28	NET ELEC : Power Electronics (VILT)			x	x	x	x	x	x	VILT	MS Teams	Yes	2,480	5	10	3	Coming Soon						26 - 28						
29	NET ELEC : Power Electronics			x	x	x	x	x	x	F2F (NR)	INSTEP	Yes	3,050	5	10	3	Coming Soon									8-10			
30	NET ELEC : Soft Starter & Variable Speed Drive System (VSDS)			x			x	x	x	F2F (NR)	INSTEP*	Yes	3,220	5	10	3	Coming Soon								25 - 27				
31	NET ELEC : Selection, Installation and Inspection of Ex Equipment (VILT)					x	x	x		VILT	MS Teams	Yes	2,480	5	10	2	Coming Soon		16-17				29-30						
32	NET ELEC : Selection, Installation and Inspection of Ex Equipment					x	x	x		F2F (NR)	INSTEP	Yes	3,370	5	10	4	Coming Soon								12-15				

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

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)	MBOT CPD Hours	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 INST : Control Valve I L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2	Coming Soon						13-14						
2	NET INST : Control Valve I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Coming Soon	2,040	5	15	2	Coming Soon							1-2					
3	NET INST : Instrumented Safeguarding System I L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2	Coming Soon			21-22									
4	NET INST : Instrumented Safeguarding System I L1	x			x					F2F (NR)	INSTEP	Yes	3,570	8	15	3	Coming Soon							5-7					
5	NET INST : Process Control Theory and Application L1	x			x					F2F (NR)	INSTEP	Yes	3,570	8	15	3	Coming Soon							19-21					
6	NET INST : Process Measurement I L1 (VILT)	x			x					VILT	MS Teams	Yes	1,750	5	15	2	Coming Soon						4-5						
7	NET INST : Process Measurement I L1 (Practical Session)**	x			x					F2F (NR)	INSTEP*	Yes	2,040	5	15	2	Coming Soon							14-15					
8	NET INST : Liquid and Gas Metering L2 (VILT)		x			x				VILT	MS Teams	Yes	1,750	5	15	2	Coming Soon			28-29									
9	NET INST : Liquid and Gas Metering L2		x			x				F2F (NR)	INSTEP	Coming Soon	3,570	8	15	3	Coming Soon										14-16		

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)	MBOT CPD Hours	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
10	NET INST : Control Valve II, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18										11-13		
11	NET INST : Process Measurement II, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18										17-19		
12	NET INST : Instrumented Safeguarding System II L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18										17-19		
13	NET INST : Vibration Monitoring System, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18											8-10	
14	NET INST : Gas Chromatograph, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18								8-10				
15	NET INST : PID Tuning, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18												6-8
16	NET INST : Quality Measuring Instrument, L2		x			x				F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18								1-3				
17	NET INST : Gas Turbine and Control System - Solar-Turbotronic I, L2		x			x				F2F (NR)	Kuantan	Yes	4,390	10	15	4	24										21-24		
18	NET INST : GE Heavy Duty Gas Turbine, L2		x			x				F2F (NR)	Kuantan	Yes	4,390	10	15	4	24											19-22	
19	NET INST : Gas Detection System, L3			x			x			F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18												20-22
20	NET INST : Programmable Logic Controller - Allen Bradley CLX5000, L3			x			x			F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18								15-17				
21	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	18							25-27					
22	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	18									13-15			
23	NET INST : Honeywell EPKS Engineering & Maintenance, L3			x			x			F2F (NR)	INSTEP*	Yes	4,630	8	15	4	24										10-13		
24	NET INST : Safety PLC- Tricon TMR, L3			x			x			F2F (NR)	INSTEP*	Yes	3,570	8	15	3	18												6-8
25	NET INST : Instrument Installation and Maintenance, L3			x			x			F2F (NR)	KL	Yes	4,400	8	15	3	18									23-25			
26	NET INST : Solar Turbine & Control System II, L3			x			x			F2F (NR)	Kuantan	Yes	4,390	10	15	4	24										14-17		

- 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	Coming Soon	Upon Request (Click to Enquire)											
2	HSE TMP : Basic First Aid (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Coming Soon												
3	HSE TMP : Behavioral Safety (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2	Coming Soon												
4	HSE TMP : CePSWaM Field Training Report Preparation Workshop (FTR) (VILT)	VILT	MS Teams	Yes	1,170	10	15	2	Coming Soon												
5	HSE TMP : Chemical Spill Response and Clean-up (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Coming Soon												
6	HSE TMP : Company Competent Gas Tester (CCGT) (VILT)	VILT	MS Teams	Yes	730	10	15	1	Coming Soon												
7	HSE TMP : Emergency Management Program (EMP) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2	Coming Soon												
8	HSE TMP : Emergency Response Team (ERT) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2	Coming Soon												
9	HSE TMP : Energy Isolation(VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Coming Soon												
10	HSE TMP : Fire Watcher (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Coming Soon												
11	HSE TMP : Fundamental of Environmental Management (VILT)	VILT	MS Teams	Yes	730	10	15	1	Coming Soon												
12	HSE TMP : Fundamental of Process Safety (VILT)	VILT	MS Teams	Yes	730	10	15	1	Coming Soon												
13	HSE TMP : Handling of Scheduled Waste (VILT)	VILT	MS Teams	Yes	730	10	15	1	Coming Soon												
14	HSE TMP : Hands-on Application of BowTie XP Software for Conducting Risk Assessment	F2F (NR)	INSTEP*	Coming Soon	3,400	10	15	2	Coming Soon												
15	HSE TMP : Hands-on Experience in Using Bow Tie XP Software	F2F (NR)	INSTEP*	Coming Soon	3,100	10	15	2	Coming Soon												

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

- 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: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my										2022											
		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	HSE TMP : Marine For Non-Mariners (VILT)	VILT	MS Teams	Coming Soon	530	10	25	2	Coming Soon	12-13 26-27	9-10 23-24	9-10 23-24									
2	HSE TMP : Marine For Non-Mariners	F2F (NR)	Kerteh	Coming Soon	2,370	10	25	3	Coming Soon						21 - 23						
3		F2F (NR)	Labuan	Coming Soon	2,370	10	25	3	Coming Soon									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*	Yes	1,940	8	15	3										4-6	8-10	
		F2F (NR)	KL	Yes	2,260	8	15	3									12-14			
		F2F (NR)	Johor Bharu	Yes	2,280	8	15	3										18 - 20		
		F2F (NR)	Kota Kinabalu	Yes	2,720	8	15	3												13 - 15
2	NET GS : English Writing Empowerment for NET (VILT)	VILT	MS Teams	Yes	1,740	5	15	3					24 -26			9 - 11				
3	NET GS : English Speaking Empowerment for NET	F2F (NR)	INSTEP*	Yes	1,940	8	15	3									6 - 8			6 - 8
		F2F (NR)	KL	Yes	2,260	10	15	3									20 - 22			
		F2F (NR)	Johor Bharu	Yes	2,280	10	15	3											1-3	
4	NET GS : English Speaking Empowerment for NET (VILT)	VILT	MS Teams	Yes	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)	MBOT CPD Hours	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	Coming Soon	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	Coming Soon	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*	Yes	7,000	6	6	3	Coming Soon		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	Coming Soon	Upon Request (Click to Enquire)											
3	A&C : UPOCP: Operator Training Simulator (OTS) Assessment	F2F (NR)	PMA Kerteh	Yes	2,650	10	14	4	Coming Soon	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	Coming Soon		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	Coming Soon			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	Coming Soon	Upon Request (Click to Enquire)											
7	A&C : UPOCP: OTS Reassessment (VILT)	VILT	MS Teams	Coming Soon	1,500	4	6	1	Coming Soon												
8	A&C : UPOCP: OTS Reassessment	F2F (NR)	INSTEP*	Coming Soon	1,650	5	5	4	Coming Soon												
9	A&C : UPOCP: OTS Training of Trainer (TOT)	F2F (NR)	INSTEP*	Yes	1,830	12	20	3	Coming Soon	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	Coming Soon		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	Coming Soon	Upon Request (Click to Enquire)											

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

Programme Leader: Muhamad Faizzudin Bin Ahmad Azhar +609-668 6120 +014-512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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*	Yes	2,840	11	15	3	Coming Soon							19-21		20-22	04-06	08-10	
2	A&C : POTCP 02 - Process Control	F2F (NR)	INSTEP*	Yes	2,840	11	15	3	Coming Soon								02-04		18-20	29-01	
3	A&C : POTCP 03 - Process Troubleshooting	F2F (NR)	KL	Yes	3,110	12	20	2	Coming Soon							13-14	10-11				
4	A&C : POTCP 04 - Plant Operation Practice	F2F (NR)	KL	Yes	3,110	12	20	2	Coming Soon										12-13	16-17	
5	A&C : POTCP 05 - Process Safety Practice	F2F (NR)	KL	Yes	3,110	12	20	2	Coming Soon							25-26				21-22	
6	A&C : POTCP 03 - Process Troubleshooting (VILT)	VILT	MS Teams	Yes	1,910	12	15	2	Coming Soon			09-10			15-16						
7	A&C : POTCP 04 - Plant Operation Practice (VILT)	VILT	MS Teams	Yes	1,910	12	15	2	Coming Soon					18-19							
8	A&C : POTCP 05 - Process Safety Practice (VILT)	VILT	MS Teams	Yes	1,910	12	15	2	Coming Soon						20-21						

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

Programme Leader : Siti Suhaili Shuib +609-668 6150 +6013-586 8208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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	Yes	3,930	7	10	4	Coming Soon	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	Coming Soon												

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)	MBOT CPD Hours	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	Coming Soon	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)	MBOT CPD Hours	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	Coming Soon		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	Coming Soon								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	Coming Soon		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	Coming Soon								8-11	26-29	3-6		
5	A&C : PESITAS: Preparatory for ICE Driver Grade 2 & 1 (Oral)	F2F (NR)	KL/Kerteh/INSTEP*	Yes	2,040	6	20	2	Coming Soon	Upon Request (Click to enquire)											
6	A&C : PESITAS: Preparatory for ICE Driver Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2	Coming Soon												
7	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2	Coming Soon									28-29			
8	A&C : PESITAS: Preparatory for ICE Engineer Grade 2 & 1 (Paper B) (VILT)	VILT	MS Teams	Coming Soon	1,330	6	20	2	Coming Soon											1-2	
9	A&C : PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral)	F2F (NR)	KL/Kerteh/INSTEP*	Yes	2,270	6	20	2	Coming Soon	Upon Request (Click to enquire)											
10	A&C : PESITAS: Preparatory for Steam Boiler Driver Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2	Coming Soon												
11	A&C : PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Oral) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2	Coming Soon								29-30				
12	A&C : PESITAS: Preparatory for Steam Boiler Engineer Grade 2 & 1 (Paper B) (VILT)	VILT	MS Teams	Yes	1,330	6	20	2	Coming Soon										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	Coming Soon	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	Coming Soon												
15	A&C : PESITAS: Steam Boiler Driver Grade 2 & 1 (VILT)	VILT	MS Teams	Yes	1,770	10	20	3	Coming Soon		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*	Yes	3,390	10	20	3	Coming Soon								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	Coming Soon		14-17				13-16			19-22			
18	A&C : PESITAS: Steam Boiler Engineer Grade 2 & 1	F2F (NR)	KL/Kerteh/INSTEP*	Yes	4,700	9	20	4	Coming Soon								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)	MBOT CPD Hours	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	Coming Soon		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	Coming Soon		9-10	9-10			8-9		10-11					
3	A&C : IRCP: ISO 45001:2018 Lead Auditor (IRCA & CQI Certified) (VILT)	VILT	MS Teams	Yes	4,700	10	12	5	Coming Soon			21-25		9-13	13-17		8-12		10-14	7-11		
4	A&C : IRCP: Plant Management System (PMS) (VILT)	VILT	MS Teams	Yes	2,700	10	15	4	Coming Soon					23-26				5-8				
5	A&C : IRCP: Plant Management System (PMS)	F2F (NR)	INSTEP*	Coming Soon	4,300	10	15	4	Coming Soon										17-20	28/11 - 1/12		
6	A&C : IR Competency Assessment	F2F (NR)	INSTEP*	Coming Soon	1,540	7	15	1	Coming Soon	Upon Request (Click to enquire)												
7	A&C : IR Competency Assessment (VILT)	VILT	MS Teams	Coming Soon	420	7	15	1	Coming Soon													
8	A&C : IRCP: ISO 45001:2018 Awareness	F2F (NR)	KL / INSTEP*	Yes	1,230	10	20	2	Coming Soon			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	Coming Soon						29-30						1-2	
2	A&C : PRBI User Certification Programme Reassessment	F2F (NR)	KL	Yes	1,080	5	5	1	Coming Soon	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*	Yes	5,530	10	15	4	Coming Soon								15-18					
2	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level II	F2F (NR)	INSTEP*	Yes	6,020	10	15	4	Coming Soon									5-8				
3	A&C : ICML Machine Lubricant Analyst (MLA) Certification - Level III (VILT)	VILT	MS Teams	Yes	7,100	10	15	4	Coming Soon						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	Coming Soon							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	Coming Soon			14-17										
2	A&C : Vibration Certification Programme Intermediate - CAT II	F2F (NR)	INSTEP*	Yes	8,490	10	15	5	Coming Soon								22-26					
3	A&C : Vibration Certification Program Advanced - CAT III	F2F (NR)	INSTEP*	Coming Soon	9,980	10	15	5	Coming Soon											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)	MBOT CPD Hours	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	Coming Soon			29 - 31			28-30						
2	A&C : IECEx Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	4,950	5	10	2	Coming Soon								29- 30			29-30	
3	A&C : IECEx Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	8,430	5	11	4	Coming Soon										10-13		
4	A&C : IECEx Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	11,650	5	13	5	Coming Soon								07-11		16-20		
5	A&C : IECEx Unit Ex001, Ex004, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	11,650	5	14	5	Coming Soon											13-17	
6	A&C : IECEx Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	8,850	5	12	4	Coming Soon							18-21					
7	A&C : IECEx Unit Ex001 & Ex009 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	9,690	5	15	4	Coming Soon										31/10 – 03/11		
8	A&C : IECEx Refresher (Exclude Examination)	F2F (NR)	INSTEP*	Coming Soon	670	N/A		N/A	Coming Soon	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 UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	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	Coming Soon				3/4 – 4/8			14/8 - 8/12					
2	A&C : A4 Chargeman	F2F (NR)	INSTEP*	Yes	18,730	13	20	100	Coming Soon				22/5 - 20/10								
3	A&C : B0 Chargeman	F2F (NR)	INSTEP*	Yes	20,990	10	20	100	Coming Soon				8/5 - 6/10								
4	A&C : B4 Chargeman	F2F (NR)	INSTEP*	Yes	22,830	10	20	100	Coming Soon								10/10/2022 - 2/3/2023				
5	A&C : Low Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	4,690	12	20	10	Coming Soon			13 - 24									
6	A&C : High Voltage Overhead Lines	F2F (NR)	INSTEP*	Yes	6,980	12	20	13	Coming Soon						24/7 - 04/8						
7	A&C : Low Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	5,430	N/A		10	Coming Soon	Upon Request (Click to Enquire)											
8	A&C : High Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	6,480			10	Coming Soon												
9	A&C : Refresher & Referral Examination	F2F (NR)	INSTEP*	Coming Soon	2,580			6	Coming Soon												
10	A&C : Referral Examination	F2F (NR)	INSTEP*	Coming Soon	510			1	Coming Soon												

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)	MBOT CPD Hours	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	Coming Soon							31-04		18-22			18-22
2	A&C : Instrument Fitter	F2F (NR)	INSTEP*	Yes	4,310	4	8	4	Coming Soon											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)	MBOT CPD Hours	2022											
										Jan	Feb	Mar	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	Coming Soon	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	Coming Soon												

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)	MBOT CPD Hours	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	Coming Soon			13-17				24-28				13-17	
		F2F (NR)	Kuala Lumpur/ Selangor	Yes	3,750	10	35	5	Coming Soon	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	Coming Soon		20-24			22-26			14-18		2-6		19-23
		F2F (NR)	Kuantan	Yes	3,750	10	35	5	Coming Soon						27/6-1/7				17-21		
		F2F (NR)	Penang	Yes	3,750	10	35	5	Coming Soon			7-11				18-22					5-9
		F2F (NR)	Kota Kinabalu	Yes	3,750	10	35	5	Coming Soon			21-25					8-12				
		F2F (NR)	Miri	Yes	3,750	10	35	5	Coming Soon						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)	MBOT CPD Hours	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	A&C : Tripod Beta - Bronze	F2F (NR)	KL	Coming Soon	6,470	10	20	3	Coming Soon												
2	A&C : Tripod Beta - Bronze (VILT)	VILT	MS Teams	Coming Soon	4,680	5	20	4	Coming Soon					30/5 - 2/6			14-17			21-24	
3	A&C : Tripod Beta – Silver	F2F (NR)	KL	Coming Soon	4,710	10	10	2	Coming Soon					-	-	-	-	-	-	-	-
4	A&C : Tripod Beta – Silver (VILT)	VILT	MS Teams	Coming Soon	3,420	5	10	3	Coming Soon						14-16			20-22			13-15
5	A&C : Tripod Beta - Gold	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)	MBOT CPD Hours	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 UPDATED DATE	3	F2F (NR)	Kerteh	Yes	1,370	15	25	3	Coming Soon								19-21	2-4	6-8	4-6	
				KL		1,370	15	25	3	Coming Soon								11-13	14-16	13-15		
				Miri		1,370	15	25	3	Coming Soon							21-23		21-23			
				Kota Kinabalu		1,370	15	25	3	Coming Soon							28-30	25-27	28-30	28-30		
2	A&C : PCSB Permit to Work (PTW) Level 3 - New Candidate (VILT) UPDATED DATE	3	VILT	MS Teams	Yes	700	20	25	3	Coming Soon		7-9	15-17	4-6 11-13	17-19 23-25	13-15 27-29	12-14 25-27	1-3 16-18	26-28	17-19	21-23	5-7

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)	MBOT CPD Hours	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	Coming Soon	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	Coming Soon													
3	A&C : e-PECAS Training (VILT)	VILT	MS Teams	Yes	900	10	15	1	Coming Soon													
4	A&C : PECAS Training for Candidate	F2F (NR)	INSTEP*	Yes	1,420	12	18	2	Coming Soon													
5	A&C : PECAS Training for Candidate	F2F (NR)	Kerteh/ Kuantan/KL /Sabah/ Sarawak	Yes	2,480	12	18	2	Coming Soon													
6	A&C : PECAS Training for Candidate (VILT)	VILT	MS Teams	Yes	1,340	10	15	2	Coming Soon							6-7						
7	A&C : PECAS Training	F2F (NR)	INSTEP*	Yes	1,520	14	20	2	Coming Soon							27-28	8-9 17-18	7-8 13-14	10-11 19-20	9-10 23-24	7-8 14-15	
8	A&C : PECAS Training	F2F (NR)	Kerteh/ Kuantan/KL /Sabah/ Sarawak	Yes	2,530	14	20	2	Coming Soon													
9	A&C : PECAS Training (VILT)	VILT	MS Teams	Yes	1,560	10	15	2	Coming Soon		9-10 23-24	16-17 23-24		16-17 25-26	8-9 22-23							
10	A&C : PECAS Refresher Training	F2F (NR)	INSTEP*	Yes	640	14	20	1	Coming Soon	Upon Request (Click to Enquire)												
11	A&C : PECAS Refresher Training	F2F (NR)	Kerteh/ Kuantan/KL /Sabah/ Sarawak	Yes	1,190	14	20	1	Coming Soon													
12	A&C : PECAS Refresher Training (VILT)	VILT	MS Teams	Yes	900	10	15	1	Coming Soon													

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)	MBOT CPD Hours	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	Coming Soon							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	Coming Soon								24-25		26-27		21-22
15	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing + Interview) (VILT)	VILT	MS Teams	Yes	2,520			2	Coming Soon			30-31									
16	A&C : Competency Programme for PECAS Assessor - CoPA (Briefing)	F2F (NR)	INSTEP*	Coming Soon	560	14	20	1	Coming Soon	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	Coming Soon												
18	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	INSTEP*	Coming Soon	1,650	8	8	1	Coming Soon												
19	A&C : Competency Programme for PECAS Assessor - CoPA (Interview)	F2F (NR)	Kerteh/ Kuantan/KL /Sabah/ Sarawak	Coming Soon	2,440	8	8	1	Coming Soon												

Others : PETRONAS Assurance Delivery Excellence (PADEX)

Programme Leader: M Zawawi Zani +609-668 6269 +6017-258 2880 Zawawi.zani@petronas.c		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	PETRONAS Assurance Delivery Excellence (PADEX) (VILT) UPDATED DATE	VILT	MS Teams	Yes	1,900	20	30	4	Coming Soon		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					

Note:

1. 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)	MBOT CPD Hours	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	Coming Soon		7 - 8										
2	Root-cause Analysis (RCA) Certification Programme – Training	F2F (NR)	KL	Coming Soon	3,000	8	12	3	Coming Soon					10-12			23 - 25		18 - 20		
3	Root-cause Analysis (RCA) Certification Programme - Assessment	F2F (NR)	KL	Coming Soon	3,700	1	1	1	Coming Soon						7 8 9			20 21 22			

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	Coming Soon							13	3	6		2	
2	UCA : Upstream Commercial Fundamentals (VILT)	1	VILT	MS Teams	Coming Soon	590	6	12	2	Coming Soon		8-9			24-25							
3	UCA : Upstream Commercial Core	3	F2F (NR)	KL	Coming Soon	6,090	6	14	7 (Incl. Weekend)	Coming Soon								21-27				
4	UCA : Upstream Commercial Core (VILT)	3	VILT	MS Teams	Coming Soon	1,720	6	8	11	Coming Soon		14-28				13-27						
5	UCA : Advance Commercial Negotiation	3	F2F (NR)	KL	Coming Soon	4,700	6	10	5	Coming Soon									17-21			
6	UCA : Advance Commercial Negotiation (VILT)	3	VILT	MS Teams	Coming Soon	1,040	6	8	5	Coming Soon			21-25									
7	UCA : Upstream Commercial Case Studies	3	F2F (NR)	KL	Coming Soon	4,210	10	15	2	Coming Soon							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)	MBOT CPD Hours	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	3PLAY Onboarding Programme for Beginners (VILT)	VILT	MS Teams	Coming Soon	1,200	10	20	2	Coming Soon						21-22						
2	3PLAY Onboarding Programme for Beginners OFWP & MFWP Practitioners (VILT)	VILT	MS Teams	Coming Soon	1,800	10	20	4	Coming Soon										17-20		

Generative HSE Culture Programme

Programme Leader: ABD RAHMAN RAMLI +60132366304 abdrahman.raml@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	MBOT CPD Hours	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	Generative HSE Culture for Top Leaders for SR (VILT)	VILT	MS TEAMS	Coming Soon	680	15	25	2	Coming Soon									11-12			
2	Generative HSE Culture for Top Leaders for Non-SR (VILT)	VILT	MS TEAMS	Coming Soon	680	15	25	2	Coming Soon												
3	Generative HSE Culture for Middle Managers for SR (VILT)	VILT	MS TEAMS	Coming Soon	680	15	25	2	Coming Soon							13-14 / 19-20 / 26-27	10-11 / 15-16 / 22-23	6-7 / 14-15 / 21-22 / 26-27	5-6		
4	Generative HSE Culture for Middle Managers for Non-SR (VILT)	VILT	MS TEAMS	Coming Soon	680	15	25	2	Coming Soon								24-25 / 19-20				
5	Generative HSE Culture for Frontliners (Rakan HSE) For SR (VILT)	VILT	MS TEAMS	Yes	520	15	25	2	Coming Soon								13-14 / 18-19	1-2 / 15-16	5-6 / 19-20	3-4 / 17-18	2-3 / 21-22
6	Generative HSE Culture for Frontliners (Rakan HSE) For Non-SR (VILT)	VILT	MS TEAMS	Yes	520	15	25	2	Coming Soon								20-21	3-4 / 17-18	7-8 / 21-22	5-6 / 19-20	2-3
7	Generative HSE Culture for Frontliners (Rakan HSE) For SR	F2F (NR)	KL	Yes	1910	15	25	2	Coming Soon	Upon Request (Click to enquire)											
8	Generative HSE Culture for Frontliners (Rakan HSE) For Non-SR	F2F (NR)	KL	Yes	1910	15	25	2	Coming Soon												
9	Coaches for Generative HSE Culture (for Top Leaders and Middle Managers)	VILT	MS TEAMS	Coming Soon	2480	1	5	0.5	Coming Soon												

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