

2025 Learning Calendar

Institut Teknologi Petroleum PETRONAS (INSTEP)



Experiencing is Enriching

We accelerate your technical **competency development** to meet the changing needs of our energy workforce through experiential learning.

We deliver enriching learning journey through **world-class** facilities and **industry-experienced instructors**.

Our learning facilities complemented with theoretical classes, practical workshops and the Upstream Downstream Training Plant (UDTP) that **simulates real plant scenarios**, provides a safe environment for **experiential learning** to support **innovation of technologies** on **digitalisation** and automation.



Scan QR Code for
INSTEP Website



Scan QR Code for
INSTEP Virtual Tour



instep.my



INSTEP

HRD Corp Claimable

Please notify your respective HR focal to apply for the grant before joining our training programmes.

Businesses are advised to apply for the grant at least 5 working days before participant(s) attend the training programme. Failure to do so will result in invalid claims to HRD Corp. Claim amounts may vary and is subject to HRD Corp Allowable Cost Matrix calculations.

More programmes will be registered with HRD Corp and will be updated soon.

MBOT Approved Training Provider

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 technologist and Certified Trainers only.



What I want to learn is...



**Executive Technical
Solutions (ETS)**

**Non-Executive Technical
Solutions (NETS)**

**Technical Certification
Solutions (TCS)**

**HSE & Sustainability
Solutions (HSESS)**



Table of Content

Executive Technical Solutions (ETS)

SKG11: Civil & Pipeline Engineering	9
---	---

Glossary

TCS	Technical Certification Solutions
F2F	Face-to-Face Experiential Learning
HRD Corp	Human Resource Development Corporation
NETS UPG	NETS Upgrading
NR	Non-Residential
R	Residential
SKG	Skill Group



Table of Content

Non-Executive Technical Solutions (NETS)

NETS: Civil	11
-----------------------------	----

Glossary

- TCS** Technical Certification Solutions
- F2F** Face-to-Face Experiential Learning
- HRD Corp** Human Resource Development Corporation
- NETS UPG** NETS Upgrading
- NR** Non-Residential
- R** Residential
- SKG** Skill Group



Table of Content

Technical Certification Solutions (TCS)

TCS : Steam Boiler and Internal Combustion Engine (ICE) Training	13
TCS : Offshore Self Regulation (OSR) Inspector	14
TCS : Plant Management System Qualified Person (PMSQP)	15
TCS : Construction work Design Management (CDM) Professional & CDM Coordinator	17
TCS : Authorised Entrant & Standby Person for Confined Space (AESP)	18
TCS : CePSWaM & CePIETSO BP	19
TCS : IECEx Competency	20
TCS : Electrical Chargeman	21
TCS : Metering Personnel Certification	22
TCS : Instrument Fitter	23
TCS : PCSB Permit to Work (PTW) Level 2	24
TCS : OPITO: Basic H2S	25

Glossary

TCS	Technical Certification Solutions
F2F	Face-to-Face Experiential Learning
HRD Corp	Human Resource Development Corporation
NETS UPG	NETS Upgrading
NR	Non-Residential
R	Residential
SKG	Skill Group



Table of Content

HSE & Sustainability Solutions (HSESS)

HSE Solutions : Generative HSE Culture	27
--	----

Glossary

- TCS** Technical Certification Solutions
- F2F** Face-to-Face Experiential Learning
- HRD Corp** Human Resource Development Corporation
- NETS UPG** NETS Upgrading
- NR** Non-Residential
- R** Residential
- SKG** Skill Group



Executive Technical Solutions (ETS)



SKG11: Civil & Pipeline Engineering

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.

*The course fee is subject to change without notice.

Event Maestro: Ismail B Mat Jusoh Othman Ramli +6010 - 5476157 ismail_mjusoh@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	SKG11: CS1-10 Basic Training for Excavation Works Supervision	KL	1390	Coming Soon	2	15-16	18-19		28-29	21-22	17-18	8-9	12-13	10-11	7-8	5-6	16-17
		KK	1930	Coming Soon	2			12-13				29-30					
		Johor	1810	Coming Soon	2								19-20				
		Bintulu	1930	Coming Soon	2				8-9					23-24			



Non-Executive Technical Solutions (NETS)



NETS: Civil

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Ismail B Mat Jusoh Othman Ramli +6010 - 5476157 ismail_mjusoh@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NETS CIVIL : HSE, Civil Management & Documentation	KL	2590	Claimable	2					20-21							
2	NETS CIVIL : Painting & Heat Protection Technology	KL	1940	Claimable	2									9-10			
3	NETS CIVIL : Road, Sewerage and General Services Technology	KL	1940	Claimable	2								14-15				
4	NETS CIVIL : Scaffolding Appreciation	KL	2690	Claimable	3				22-24								



Technical Certification Solutions (TCS)



TCS : Steam Boiler and Internal Combustion Engine (ICE) Training

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice. Please refer to myLearningX for the latest course fee.cc

Event Maestro: Abdul Rahman B Ramli +609 - 6686 226 +6013 - 236 6304 abdrahman.ram@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : PESITAS: Steam Boiler Engineer Grade 2	INSTEP	4440	Claimable	5		9-13						10-14				
2	TCS : PESITAS: Steam Boiler Engineer Grade 1	INSTEP	2880	Claimable	3					5-7						3-5	



TCS : Offshore Self Regulation (OSR) Inspector

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.

*The course fee is subject to change without notice.

Event Maestro: W M Sabri B W Yahya +609 - 6686 070 +6011 – 6268 6264 sabri.yahya@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : OSR Inspector: Atmospheric Storage Tank	KL	4000	Coming Soon	1				7			7					
2	TCS : OSR Inspector: Fired Pressure Vessel Inspection	KL	10280	Coming Soon	3					5-7					6-8		
3	TCS : OSR Inspector: Hoisting & Lifting Equipment	KL	7140	Coming Soon	2						3-4			8-9			
4	TCS : OSR Inspector: HSE MS	KL	5570	Coming Soon	2		19-20				18-19			24-25			
5	TCS : OSR Inspector: Non-Destructive Testing	KL	5470	Coming Soon	2				7-8			7-8			6-7		
6	TCS : OSR Inspector: OSR MS	KL	5570	Coming Soon	2		17-18				16-17			22-23			
7	TCS : OSR Inspector: Piping Inspection	KL	7140	Coming Soon	2					5-6						3-4	
8	TCS : OSR Inspector: Risk Based Inspection	KL	7140	Coming Soon	2						16-17				6-7		
9	TCS : OSR Inspector: Unfired Pressure Vessel Inspection	KL	10280	Coming Soon	3				7-9				4-6				
10	TCS : OSR Inspector: Welding Technology	KL	5470	Coming Soon	2					5-6			11-12			3-4	
11	TCS : OSR Inspector: OSR Competency Assessment	KL	3520	Coming Soon	1						10			8			



TCS : Plant Management System Qualified Person (PMSQP)

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: W M Sabri B W Yahya +609 - 6686 070 +6011 – 6268 6264 sabri.yahya@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : PMSQP: Compliance to Plant Requiring Certificated of Fitness Regulations and Special Scheme of Inspection Regulations	INSTEP	700	Coming Soon	2		17-18		28-29		18-19		6-7		29-30		
2	TCS : PMSQP: Compliance to Regulations Under OSHA 1994	INSTEP	700	Claimable	2			5-6		5-6		28-29		22-23	8-9		
3	TCS : PMSQP: ISO 45001:2018 Requirements	INSTEP	1250	Claimable	2						16-17						
4	TCS : PMSQP: Industry Code of Practice for Plant Management System (ICOP PMS)	KL	3970	Coming Soon	4		3-6	24-27		26-29		28-31		22-25	6-9		
5	TCS : PMSQP: ISO 45001:2018 Lead Auditor	KL	8120	Coming Soon	5		3-7		7-11		16-20		4-8		6-10		
6	TCS : PMSQP: Governance Competency Assessment	KL	1180	Coming Soon	1			10			3		11			3	
7	TCS : PMSQP: PV and Piping Inspection	KL	4420	Coming Soon	3		3-5				16-18			8-10			
8	TCS : PMSQP: Non-Destructive Testing	KL	3290	Coming Soon	2			10-11		5-6					6-7		



TCS : Plant Management System Qualified Person (PMSQP)

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: W M Sabri B W Yahya +609 - 6686 070 +6011 - 6268 6264 sabri.yahya@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
9	TCS : PMSQP: Risk Based Inspection	KL	3290	Coming Soon	2			10-11			16-17			22-23			
10	TCS : PMSQP: Hoisting & Lifting Equipment Inspection	KL	3290	Coming Soon	2		3-4		14-15		16-17			8-9		3-4	
11	TCS : PMSQP: Safe System of Works (SSOW) Part 1	KL	3290	Coming Soon	2		25-26			28-29		15-16			15-16		
12	TCS : PMSQP: Safe System of Works (SSOW) Part 2	KL	4420	Coming Soon	3			12-14			16-18		18-20			5-7	
13	TCS : PMSQP: Process Safety Management	KL	3290	Coming Soon	2		19-20			20-21			4-5		29-30		
14	TCS : PMSQP: Process Safety Risk Assessment	KL	4420	Coming Soon	3			10-12		6-8		1-3		8-10			
15	TCS : PMSQP: Technical Assessment (AI,OSH,PSM)	KL	1190	Coming Soon	1			2			10	7					



TCS : Construction work Design Management (CDM) Professional & CDM Coordinator

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: W M Sabri B W Yahya +609 - 6686 070 +6011 - 6268 6264 sabri.yahya@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Construction work Design Management (CDM) Professional & CDM Coordinator	KL	2660	Coming Soon	3			19-21					18-20				



TCS : Authorised Entrant & Standby Person for Confined Space (AESP)

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Ahmad Syukri B Abdul Rahman +609 – 6686 045 +6010 – 800 3569 ahmadsyukri.abdrahma@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : Authorised Entrant and Standby Person for Confined Space (AESP)	INSTEP	1390	Coming Soon	2					6-7			5-6		28-29		



TCS : CePSWaM & CePIETSO BP

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Ahmad Syukri B Abdul Rahman +609 – 6686 045 +6010 – 800 3569 ahmadsyukri.abdrahma@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Certified Environmental Professional in Scheduled Waste Management (CePSWaM)																	
1	Certified Environmental Professional in Scheduled Waste Management (CePSWaM)	INSTEP	3750	Coming Soon	5										12-16		
		Selangor	3750	Coming Soon	5						16-20						
		Melaka	3750	Coming Soon	5					19-23							
		P. Pinang	3750	Coming Soon	5				21-25								
		KK	3750	Coming Soon	5									8-12			
Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process) (CePIETSO BP)																	
2	Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process) (CePIETSO BP)	INSTEP	5000	Coming Soon	5		16-20		6-10 20-24	18-22	15-19 22-26	13-17 27-31	3-7 17-21	7-11 21-25	12-16	2-6 23-27	14-18



TCS : IECEx Competency

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Adam B Yusof +6017-368 2595 adam.yusof@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : IECEx Unit Ex001 Competency Training Programme & Assessment	INSTEP	6320	Claimable	3										14 - 16		
2	TCS : IECEx Unit Ex001 & Ex003 Competency Training Programme & Assessment	INSTEP	11070	Claimable	4	Upon Request											
3	TCS : IECEx Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment	INSTEP	11280	Claimable	4	Upon Request											
4	TCS : IECEx Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment	INSTEP	14490	Claimable	7					17 - 23		12 - 18		20 - 26			
5	TCS : IECEx Unit Ex001, Ex004, Ex007 & Ex008 Competency Training Programme & Assessment	INSTEP	14490	Claimable	7								16 - 22		11 - 17		
6	TCS : IECEx Unit Ex001 & Ex009 Competency Training Programme & Assessment	INSTEP	10850	Claimable	6	Upon Request											
7	TCS : IECEx Competency Training Programme - Refresher (Exclude Assessment)	INSTEP	710	Coming Soon	1	Upon Request											



TCS : Electrical Chargeman

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: W M Sabri B W Yahya +609 - 6686 070 +6011 - 6268 6264 sabri.yahya@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : A0 Chargeman	INSTEP	16540	Claimable	80		23/2 - 26/6					13/7 - 6/11					
2	TCS : A4 Chargeman	INSTEP	21600	Claimable	100				6/4 - 28/8				7/9 - 29/1				
3	TCS : B0 Chargeman	INSTEP	23010	Claimable	100				20/4 - 11/9								
4	TCS : B4 Chargeman	INSTEP	25600	Claimable	100								21/9 - 12/2				
5	TCS : H1 Chargeman	INSTEP	19990	Coming Soon	45	Upon Request											
6	TCS : Low Voltage Overhead Lines	INSTEP	4740	Claimable	10					18 - 29							
7	TCS : High Voltage Overhead Lines	INSTEP	5740	Claimable	13						15/6 - 1/7						
8	TCS : Low Voltage Generator And Synchronizing	INSTEP	3920	Coming Soon	10	Upon Request											
9	TCS : High Voltage Generator And Synchronizing	INSTEP	4590	Claimable	10	Upon Request											
10	TCS : Chargeman Refresher & Referral Examination	INSTEP	1910	Coming Soon	6	Upon Request											
11	TCS : Chargeman Referral Examination	INSTEP	500	Coming Soon	1	Upon Request											



TCS : Metering Personnel Certification

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Adam B Yusof +6017-368 2595 adam.yusof@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : Certified Personnel for Metering Validation And Calibration Competency Programme	INSTEP	8220	Coming Soon	5					4 -8		6-10		7-11		2-6	
2	TCS : Certified Personnel for Metering Validation And Calibration Competency Programme (Refresher)	INSTEP	4490	Coming Soon	2	Upon Request											
3	TCS : Certified Personnel for Metering Validation And Calibration Competency Programme (Re-Assessment)	INSTEP	5280	Coming Soon	2	Upon Request											
4	TCS : Storage Tank Calibration and Verification Competency Programme	INSTEP	8320	Coming Soon	5					25-29							



TCS : Instrument Fitter

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Adam B Yusof +6017-368 2595 adam.yusof@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : Instrument Fitter	INSTEP	5220	Claimable	4							21-24					



TCS : PCSB Permit to Work (PTW) Level 2

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Nur Nadhirah Syafiqah Binti Mohammad Musa +6010-227 1885 nurnadhirahsyafiqah.m@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : PCSB Permit to Work (PTW) Level 2	Terengganu	1370	Claimable	3	6-8 13-15 20-22	3-5 10-12 17-19 24-26	11-13 11-13 23-25	7-9 14-16 21-23 28-30	5-7 19-21 20-22 26-27	16-18 17-19 23-25 24-26	1-3 7-9 14-16 21-23 28-30	4-6 12-14 18-20 25-26	2-4 8-10 9-11 22-24 28-30	6-8 7-9 13-15 14-16 27-29	3-5 4-6 10-12 17-19	1-3 8-10 15-17 16-18
		Shah Alam	1370	Claimable	3	7-9 13-15 21-23	24-26 4-6	12-14 18-20	14-16 21-23	20-22 27-29	17-19 18-20	8-10 23-25	12-14 20-22	8-10 10-12	6-8 8-10	3-5 5-7	1-3 3-5
		Miri	1370	Claimable	3	8-10 15-17 15-17	3-5 3-5 19-21 24-26	5-7 5-7 12-14 19-21	9-11 28-30 23-25 28-30	5-7 14-16 14-16 19-21 21-23	17-19 18-20 24-26 24-26	1-3 9-11 28-30 14-16 28-30	4-6 6-8 11-13 13-15 19-21	8-10 10-12 24-26 29/9- 1/10 30/9-2/10	6-8 7-9 13-15 15-17 21-23	3-5 17-19 24-26 25-27	1-3 9-11 16-18 17-19
		KK	1370	Claimable	3	6-8 15-17	10-12 24-26	5-7 25-27	7-9 9-11	5-7 7-9 14-16	3-5 3-5 24-26	2-4 7-9 9-11	4-6 12-14 25-27	2-4 10-12 24-26	1-3 8-10 28-30	3-5 5-7 17-19	1-3 8-10 16-18



TCS : OPITO: Basic H2S

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Nurul Huda Binti Radzali +609 – 6686 051 +6019 – 243 1829 nurulhuda.radzali@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TCS : OPITO: Basic H2S Training	INSTEP	850	Claimable	1		27				30				28		



HSE & Sustainability Solutions (HSESS)



HSE Solutions : Generative HSE Culture

*The eligibility for HRD Corp claims for the program is contingent upon the accreditation and certification status of the instructor/s.
*The course fee is subject to change without notice.

Event Maestro: Nurul Huda Binti Radzali +609 – 6686 051 +6019 – 243 1829 nurulhuda.radzali@petronas.com.my		Venue	Course Fee (RM)	HRDC Status	Duration	2025											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Generative HSE Culture for Contractor for Leaders	KL	860	Coming Soon	1					26							
2	Generative HSE Culture for Contractor for Frontliners	KL	860	Coming Soon	1						30						



Partnership & Alliances



Accreditations & Certification



Reach out to us!
We are more than happy to assist you.

Accelerate your competency with INSTEP

Upskill yourself through our wholesome blended learning solutions.
Visit our website and social media for latest updates.



INSTEP



INSTEP MY



www.instep.my



[instep.my](https://www.instagram.com/instep.my)



INSTEP

