

**LIST OF RELEVANT MODULES ELIGIBLE FOR EXEMPTION
FOR TRAINING IN HKIE APPROVED TRAINING CENTRES
FROM 2017/2018 TO 2021/2022**

This document contains the list of relevant modules eligible for exemption for training carried out from 2017/2018 academic year to 2021/2022 academic year in HKIE Approved Training Centres: the Industrial Centre of the Hong Kong Polytechnic University (PolyU IC), The University of Hong Kong (HKU), and the Pro-Act Training and Development Centres of Vocational Training Council (VTC).

All exemption requests must be submitted using Form TD3 with the certificate (or equivalent) issued by the relevant institute. Please refer to “TN-F – Change of Training Completion Date due to Suspension, Extension or Exemption” for details.

For the list of relevant modules for academic years from 2022/2023 to 2026/2027, please refer to Appendix B of the TN-F.

List of Relevant Modules Eligible for Exemption for Training in HKIE Approved Training Centres from 2017/2018 to 2021/2022 (updated February 2019)											
Approved Training Centre *	Course / Module Code	Course / Module Title	Relevant Modules to Scheme “A” / AM Training Discipline and Maximum Weeks of Exemption								
			BME (4w)	BSS (8w)	ELL (8w)	FRE (4w)	CAI (8w)	MAT (8w)	ENS (8w)	MCL (8w)	GAS (8w)
HKU	ELEC2840	Engineering Training		Y	Y				Y		
HKU	MECH2418	Engineering Training		Y					Y		
HKU	MEDE2020	Engineering Training	Y								
PolyU IC	IC2121	Appreciation of Manufacturing Technologies									Y
PolyU IC	IC2135	Material Processing and Technical Communication	Y								
PolyU IC	IC3103	Integrated Project									Y
PolyU IC	IC3102	Integrated Product Engineering Project II									Y
PolyU IC	IC348	Appreciation of Manufacturing Processes							Y	Y	Y
PolyU IC	IC382	Multidisciplinary Manufacturing Project					Y	Y	Y		Y
PolyU IC	ICU310	Electronic System Development Practice					Y	Y			
PolyU IC	TM108	Metal Cutting and Fitting Practice							Y	Y	Y
PolyU IC	TM110	Machining and Metrology						Y			
PolyU IC	TM203	Use of Plastics in Our Society						Y	Y	Y	Y
PolyU IC	TM270	Material Test Methods for Typical Manufacturing Technologies						Y			
PolyU IC	TM300	Building Energy Equipment		Y	Y			Y			
PolyU IC	TM350	Electrical Power System		Y	Y		Y	Y			
PolyU IC	TM360	Electrical Installation Practice		Y	Y	Y	Y	Y			
PolyU IC	TM366	Electrical Installation Practice		Y	Y	Y	Y	Y			
PolyU IC	TM367	Lighting and Electrical System Design		Y	Y	Y	Y	Y			
PolyU IC	TM370	Electrical Installation Practice		Y	Y	Y	Y	Y			

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PolyU IC	TM371	Integrated Building Systems		Y	Y	Y	Y					
PolyU IC	TM372	Electrical Installation, Basic Automation and Electronic Practice		Y	Y	Y	Y		Y			
PolyU IC	TM373	Electrical Installation and Basic Electronic Practice		Y	Y	Y	Y		Y			
PolyU IC	TM374	Air Conditioning System and AC Control		Y	Y	Y	Y					
PolyU IC	TM375	Fire Detection and Security Systems		Y		Y	Y		Y			
PolyU IC	TM376	Low-Voltage Switchboard and Power Monitoring		Y	Y	Y			Y			
PolyU IC	TM377	Air Conditioning System and AC Control		Y	Y	Y	Y					
PolyU IC	TM379	Fire Detection and Security Systems		Y		Y			Y			
PolyU IC	TM380	Integrated Building Systems		Y	Y	Y	Y					
PolyU IC	TM383	Integrated Building Systems		Y	Y	Y	Y					
PolyU IC	TM384	Lighting and Electrical System Design + LV Switchboard and Power Quality		Y	Y	Y	Y		Y			
PolyU IC	TM385	Electrical Installation Practice		Y	Y	Y			Y			
PolyU IC	TM386	Air Conditioning System and AC Control Appreciation		Y		Y	Y					
PolyU IC	TM389	Low-Voltage Main Switchboard and Power Monitoring, AC Control and PLC		Y	Y	Y						
PolyU IC	TM402	Fabrication Processes Appreciation								Y	Y	Y
PolyU IC	TM500	Automation and Industrial Control					Y		Y	Y		
PolyU IC	TM510	Basic Mechatronics Practice			Y		Y		Y	Y	Y	Y
PolyU IC	TM511	Basic Mechatronics Practice					Y		Y			

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PolyU IC	TM600	Medical Imaging Reconstruction for Additive Manufacturing								Y			
PolyU IC	TM706	CNC Machining					Y						
PolyU IC	TM1000	Basic Electronic Testing Practice					Y		Y				
PolyU IC	TM1105	Electronic Workshop Practice for EIE					Y		Y				
PolyU IC	TM1108	Basic Electronic Workshop Practice for EIE					Y		Y				
PolyU IC	TM1109	Advanced Electronic Practice with Multimedia Application					Y		Y				
PolyU IC	TM1110	Microcomputer Application and Practice					Y		Y				
PolyU IC	TM1112	Electronic Circuit Design Practice					Y		Y				
PolyU IC	TM1113	Electronic Measurement with Product Safety Test and Practice					Y		Y				
PolyU IC	TM1114	Engineering Drawing for EIE					Y		Y				
PolyU IC	TM1115	Embedded System Application and Practice					Y		Y				
PolyU IC	TM1116	Electronic Product Safety Test and Practice			Y		Y		Y	Y	Y	Y	Y
PolyU IC	TM1120	Electronic Product Assembly Design and Practice					Y		Y				
PolyU IC	TM1131	Electronic Practice for Engineering Students					Y		Y	Y	Y	Y	Y
PolyU IC	TM1133	Electronic Manufacturing Practice					Y		Y				Y
PolyU IC	TM1134	Electronic Testing Practice					Y		Y				
PolyU IC	TM1135	SMT Assembly Design and Manufacturing					Y		Y				
PolyU IC	TM1140	Electronic Workshop Practice for Product Testing					Y	Y	Y				
PolyU IC	TM1141	Test Automation and Virtual Instrumentation					Y	Y	Y				
PolyU IC	TM1202	Plumbing Practice		Y		Y							

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PolyU IC	TM1203	Plumbing Practice		Y		Y					
PolyU IC	TM1220	Building Practices and NDT						Y			
PolyU IC	TM1255	Electrical Installation Practice		Y	Y	Y	Y		Y		
PolyU IC	TM1256	Plumbing Practice		Y		Y					
PolyU IC	TM1301	Tool and Die Making							Y	Y	Y
PolyU IC	TM1323	Practical Appreciation of Rapid Product Development Processes							Y	Y	Y
PolyU IC	TM1324	Automation and Industrial System					Y		Y	Y	Y
PolyU IC	TM1503	Practical Appreciation of Vehicular Systems							Y	Y	
PolyU IC	TM1504	Practical Appreciation of Electric Vehicle Power and Driving System			Y				Y	Y	Y
PolyU IC	TM1505	Practical Appreciation of Manufacturing Processes for Electro-mechanical Products							Y	Y	
PolyU IC	TM1506	Practical Appreciation of Automation and Control Systems					Y		Y	Y	Y
PolyU IC	TM2009	Industrial Safety					Y	Y	Y	Y	Y
PolyU IC	TM2020	Industrial Safety				Y					Y
PolyU IC	TM3004	General Computer and Network Skills							Y		Y
PolyU IC	TM3006	Project Planning and Business Documentation							Y		
PolyU IC	TM3014	Basic Scientific Computing with Matlab					Y		Y	Y	Y
PolyU IC	TM3015	Basic Computer-aided Statistical Analysis							Y		
PolyU IC	TM3016	Fundamentals of Enterprise Resource Planning							Y		

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PolyU IC	TM3028	Automation and Underground Utilities Detection		Y	Y		Y		Y		
PolyU IC	TM5050	Non-destructive Inspection of Metals and Composites						Y			
PolyU IC	TM8027	Manual Construction Drawing for BSE		Y							
PolyU IC	TM8057	Engineering Drawing and CAD						Y			
PolyU IC	TM8058	Engineering Drawing and CAD						Y	Y		
PolyU IC	TM8059	Engineering Drawing and CAD						Y	Y	Y	Y
VTC	EL101	Air-conditioning Practice		Y	Y						
VTC	EL202	Electrical Installation Practice		Y	Y						
VTC	EL301	Fire Services Practice		Y	Y						
VTC	EL401	Perform Simple Inspection Work for Lift and Escalator		Y	Y						
VTC	EL501	Low Voltage Switchgear and Control Gear Assemblies		Y	Y						
VTC	EL601	Radial Socket Outlet Circuit in PVC Conduit						Y	Y		
VTC	EL701	Lighting Final Circuit in Steel Conduit						Y	Y		
VTC	EN401	Perform Engineering Work of Electronics Prototyping		Y	Y			Y	Y		Y
VTC	ME101	Bench Fitting & Measurement		Y				Y	Y		Y
VTC	ME201	Machining (Lathe and Milling)		Y				Y	Y		Y
VTC	ME301	Perform Sheet Metal Work		Y				Y	Y		Y
VTC	ME401	Pneumatic & Hydraulic Systems		Y					Y		Y
VTC	PL101	Plastics Material Knowledge		Y				Y	Y		
VTC	PL210	Plastics Processing Practice		Y				Y	Y		

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VTC	PL301	Casting Practice							Y	Y	
VTC	PL414	Pattern & Model Making Practice							Y	Y	
VTC	PL507	Plastics Tooling Knowledge							Y	Y	
VTC	PT101	CNC Machine Programming and Operation								Y	
VTC	PT201	Elementary Die Design & Press Shop Practice								Y	
VTC	PT401	Plastic Mould Design Fundamental							Y	Y	
VTC	WE101	Quality Control in Welding								Y	
VTC	WE201	Manual Metal Arc Welding (MMAW) and Oxyacetylene Cutting (OAC)								Y	
VTC	WE301	Gas Tungsten Arc Welding (GTAW) and Gas Metal Arc Welding (GMAW)								Y	

* PolyU IC: 30 Training Hours = 1 Training Week