

**THE HONG KONG INSTITUTION OF ENGINEERS
SCHEME “A” GRADUATE TRAINING**

**Eligibility to Scheme “A” Training
for Graduates of Engineering Programmes Accredited by the HKIE**

**School of Professional Education and Executive Development
The Hong Kong Polytechnic University (PolyU SPEED)**

Remarks:

- (i) Please refer to the separate document titled “Accreditation Notes of the HKIE Accredited Engineering Degree Programmes” under “Related Notes” for the notes of the HKIE accredited engineering degree programmes.
- (ii) The eligibility results align with accreditation status granted by the HKIE. For details of applicable graduates / intake year, please refer to individual case for details.
- (iii) More information is available from the Membership Section on the admission requirements for respective Disciplines.

Scheme “A” Ref No	PolyUSPEED-1	
Degree	BEng (Hons) Degree in Electrical Engineering (2-year top-up) (Full Time)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates (2021) only
CAI	<p>This programme is eligible for Scheme “A” in Control, Automation & Instrumentation (CAI) Discipline on condition that the graduates must have completed:</p> <p>(1) at least two elective subjects from the following courses: “SEHS 4659 - Intelligent Buildings”, “SEHS 4660 - Intelligent Systems Application in Electrical Engineering” “SEHS 4662 - Power System Control and Operation”;</p> <p>and (2) a project* with related CAI contents.</p> <p>* Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.</p>	First Cohort of Graduates (2021) only
ELL	N/A	First Cohort of Graduates (2021) only

Eligibility to HKIE Scheme “A” Training
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Scheme “A” Ref No	PolyUSPEED-2	
Degree	BEng (Hons) Degree in Electrical Engineering (4-year top-up) (Part Time)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates (2022) only
CAI	<p>This programme is eligible for Scheme “A” in Control, Automation & Instrumentation (CAI) Discipline on condition that the graduates must have completed:</p> <p>(1) at least two elective subjects from the following courses: “SEHS 4659 - Intelligent Buildings”, “SEHS 4660 - Intelligent Systems Application in Electrical Engineering” “SEHS 4662 - Power System Control and Operation”;</p> <p>and (2) a project* with related CAI contents.</p> <p>* Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.</p>	First Cohort of Graduates (2022) only
ELL	N/A	First Cohort of Graduates (2022) only

Scheme “A” Ref No	PolyUSPEED-3	
Degree	BEng (Hons) Degree in Mechanical Engineering (2-year top-up) (Full Time)	
JUPAS Programme Code	--	
Accredited until intake year of	2024	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	From 2018 Intake Up to 2024 Intake

Eligibility to HKIE Scheme “A” Training
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Scheme “A” Ref No	PolyUSPEED-3	
Degree	BEng (Hons) Degree in Mechanical Engineering (2-year top-up) (Full Time)	
JUPAS Programme Code	--	
Accredited until intake year of	2024	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BSS	N/A Remarks: please refer to the "Admission Requirements for the Building Services Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Building Services Discipline.	From 2018 Intake Up to 2024 Intake
CAI	This programme is eligible for Scheme “A” in Control, Automation & Instrumentation (CAI) Discipline on condition that the graduates must have completed: (1) the following four elective subjects in Engineering Design and Automation (DA) Technical Stream: i. “SEHS 4622 - Automatic Control Systems”, ii. “SEHS 4624 - Fundamentals of Robotics”, iii. “SEHS 4625 - Industrial Automation” and iv. “SEHS 4672 - Product Testing Technology”; and (2) a project* with related CAI contents. * Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.	From 2018 Intake Up to 2024 Intake
GAS	N/A	From 2018 Intake Up to 2024 Intake
MCL	N/A	From 2018 Intake Up to 2024 Intake

Eligibility to HKIE Scheme “A” Training
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Scheme “A” Ref No	PolyUSPEED-4	
Degree	BEng (Hons) Degree in Mechanical Engineering (4-year top-up) (Part Time)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates (2022) only
BSS	Remarks: please refer to the "Admission Requirements for the Building Services Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Building Services Discipline.	First Cohort of Graduates (2022) only
CAI	<p>This programme is eligible for Scheme “A” in Control, Automation & Instrumentation (CAI) Discipline on condition that the graduates must have completed:</p> <p>(1) the following four elective subjects in Engineering Design and Automation (DA) Technical Stream:</p> <ul style="list-style-type: none"> i. “SEHS 4622 - Automatic Control Systems”, ii. “SEHS 4624 - Fundamentals of Robotics”, iii. “SEHS 4625 - Industrial Automation” and iv. “SEHS 4672 - Product Testing Technology”; <p>and (2) a project* with related CAI contents.</p> <p>* Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.</p>	First Cohort of Graduates (2022) only
GAS	N/A	First Cohort of Graduates (2022) only
MCL	N/A	First Cohort of Graduates (2022) only

Eligibility to HKIE Scheme “A” Training
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Scheme “A” Ref No	PolyUSPEED-5	
Degree	BSc (Hons) Degree in Building Engineering and Management (2-year top-up) (Full Time)	
JUPAS Programme Code	--	
Accredited until intake year of	2024	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BUD	N/A	From 2017 Intake Up to 2024 Intake

Scheme “A” Ref No	PolyUSPEED-6	
Degree	BSc (Hons) Degree in Building Engineering and Management (4-year top-up) (Part Time)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BUD	N/A	First Cohort of Graduates (2021) only

Note:

1. Abbreviations of the HKIE Disciplines

ACE : Aircraft	GAS : Gas
BME : Biomedical	GEL : Geotechnical
BSS : Building Services	INF : Information
BUD : Building	LTE : Logistics & Transportation Engineering
CAI : Control, Automation & Instrumentation	MAT : Materials
CML : Chemical	MCL : Mechanical
CVL : Civil	MIS : Manufacturing, Industrial & Systems <i>(renamed from Manufacturing & Industrial Engineering (MIE) with effect from Session 2020/2021)</i>
ELL : Electrical	MNA : Marine & Naval Architecture
ENS : Electronics	STL : Structural
ENV : Environmental	
ENY : Energy	
FRE : Fire	