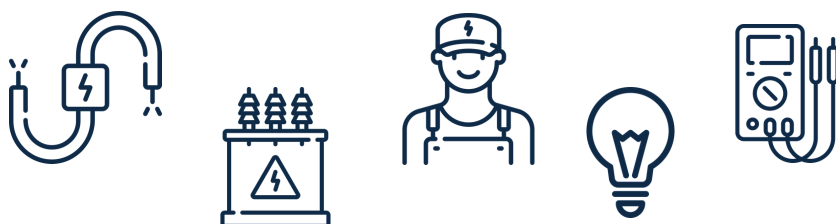


**SGUNITED SKILLS (SGUS)**

**CERTIFICATE IN**  
**ELECTRICAL ENGINEERING**

**PROGRAMME**



## PROGRAMME OVERVIEW

The SGUnited Skills Certificate in Electrical Engineering Programme is jointly conducted by Singapore Institute of Power and Gas (SIPG), the training subsidiary of SP Group, Ngee Ann Polytechnic (NP) and Singapore Polytechnic (SP).

This is a 6-month programme dedicated for individuals who are seeking employment and looking to upskill or learn new skills in the field of Electrical Engineering. This programme will equip trainees with the necessary theoretical foundation and practical application skills to enhance their employability in the Power sector.

## MINIMUM ENTRY REQUIREMENTS

- Singapore Citizens and Permanent Residents aged 21 and above who are seeking employment
- Holds at least a:
  - NITEC/Higher NITEC in Electrical Engineering, or
  - Diploma in Engineering (any discipline)

*All applications received will be reviewed by the Institute. Only successful applicants will be contacted to proceed with the next step of enrolment.*

## BENEFITS FOR TRAINEES



Monthly training allowance of \$1,200\* for the duration of the programme



Highly subsidised course fees that can be claimed using SkillsFuture Credit



Opportunities to apply the skills learnt through the course of the programme



Flexibility to leave the programme should trainees gain employment during the course of the programme

*\*Recipients of the COVID-19 Support Grant (CSG) and the Self-Employed Person Income Relief Scheme (SIRS) payouts will receive top-ups to their CSG/SIRS payouts for participating in the training. CSG recipients will receive a top-up of \$400 and SIRS recipients will receive a top-up of \$200. They will receive the SGUS training allowance of \$1,200 after those payouts are completed.*

## PROGRAMME MODULES

No.	Module Title	Duration (hrs)	Training Provider
1	A Primer to Electricity	14	SIPG
2	Singapore Electricity Network	7	
3	Electrical Principles	37	NP / SP
4	Electrical Installation Design	51	
5	Testing and Maintenance of Electrical Systems	30	
6	Develop a Risk Management Implementation Plan	16	TBC
7	Strategies to Minimise Human Errors at Workplace	14	SIPG
8	WSQ Detect and Locate Underground Power Cables	24	
9	Low Voltage Distribution Network Principles	16	
10	Attending to Low Voltage Outages	23	
11	Low Voltage Cable Identification	7	
12	Low Voltage Distribution Cables, Joints & Terminations	21	
13	Safety and Connection Process	8	
14	Electrical Installation less than 45kVA	15	
15	Inspection and Testing	15	
16	Essential Skills for Project Reporting	2	
17	Project	70	
	<b>Total</b>	<b>370</b>	

## ASSESSMENT

- Trainees are required to complete either a written assessment or practical assessment, or both, at the end of each module.

## CERTIFICATE

- Upon successful completion of the Programme, trainees will receive a SGUnited Skills Certificate in Electrical Engineering, jointly issued by SIPG and NP or SP.

## PROGRAMME FEE

- S\$500 (inclusive of GST)
- SkillsFuture Credit can be used to offset the fees.

## MONTHLY TRAINING ALLOWANCE

- Trainees must attain at least 75% in attendance per module and pass the assessment to qualify for the monthly training allowance.
- Trainees must register their NRIC to their PayNow account.

## PROGRAMME SCHEDULE (INTAKE 2)

Module Number	Training Period	Training Provider
1	Feb 2021	SIPG
2 – 4	Feb – Apr 2021	NP / SP
5 – 16	Apr – Jun 2021	SIPG
17	Jul 2021	

### Note:

- The table shows a tentative programme schedule.
- Detailed schedule will be released to applicants upon confirmation.

## REGISTRATION

- Please register via [this link \(http://www.bit.ly/sipg-sgus-2021\)](http://www.bit.ly/sipg-sgus-2021) or scan the QR code below.



- **Registration deadline: 31 Jan 2021**

### Please take note:

- Registration is on first-come-first-serve basis.
- All applications received will be reviewed by the Institute.
- Only successful applicants will be contacted to proceed with the next step of enrolment.
- This programme is not a substitute of 'Licensed Electrician Preparatory Programme'.
- The SGUS Certificate in Electrical Engineering may not be used as a supporting qualification for the LEW application.
- Please refer to the FAQ for more information: <https://bit.ly/sipg-sgus-FAQ>



Singapore Institute of Power and Gas

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