

ELECTRICAL INSTALLATION AND MAINTENANCE TECHNOLOGY



THE ELECTRICAL INSTALLATION AND MAINTENANCE TECHNOLOGY PROGRAM prepares students for employment with electrical appliance shops, utility companies, and electrical construction, and maintenance companies. Learning will center on planning, designing, constructing, installing, and maintaining electrical wiring and equipment.

Entry Requirements

Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

<u>SUBJECT AREA</u>	<u>MINIMUM PLACEMENT INTO COURSE</u>
Reading	Eng 21 or ESL 21

Program Learning Outcomes

Upon successful completion, students are prepared to:

- Accurately demonstrate entry-level skills in residential, commercial, and industrial electrical installation and maintenance.
- Practice safety on the job and recognize potential hazards.
- Interpret and comply with the National Electrical Code NFPA 70 book and local codes.
- Read and interpret all sections of blueprints and draft electrical circuits.
- Integrate carpentry, masonry, plumbing, and HVACR systems with electrical installation and maintenance.
- Produce take-off lists, perform layout, and install new materials for existing and new projects.
- Think critically, do research, calculate minimum requirements, and solve problems.
- Demonstrate the qualities of an apprentice electrician: positive attitude and behavior, discipline, promptness and attendance, ability to work alone or with others, with cultural awareness, and good communication skills.



Estimated Cost of Attendance

Associate of Applied Science in Electrical Installation and Maintenance Technology (EIMT)

Contact

Faculty

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For more information visit
hawaii.hawaii.edu/eimt

Hawai'i Community College

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Pālanuanui Campus
73-4225 Ane Keohokalole Hwy.
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Information Center

MC 378-5
Phone: 934-2800
Fax: 934-2501
Email: hawccinf@hawaii.edu

Admissions & Records

MC 378-15A
Phone: 934-2710
Fax: 934-2501
Email: hawccar@hawaii.edu

Financial Aid

MC 379A-4
Phone: 934-2712
Fax: 934-2711
E-mail: hawccfao@hawaii.edu

Counseling, Advising & Support Services Center

Karen Crowell, Counselor
MC 379-5A
Phone: 934-2720
Fax: 934-2501
Email: kcrowell@hawaii.edu

Semester Course(s) and Credits	Description	Cost
Fall 2020		
EIMT 20 - Interior Wiring (12)	Resident Tuition \$131/credit+\$30 Fees (17 credits)	\$2227+\$30=\$2257
ETRO 120 - Electronics I (5)	Books: \$523	\$523
	Books: \$162	\$162
	Safety Equipment and tools \$1500	\$1500
	Estimated Total	\$4442
Spring 2021		
EIMT 22 - Electricity Theory and Practice (12)	Resident Tuition \$131/credit + Fees (18 credits)	\$2358+\$30=\$2388
BLPR 22B - Blueprint Reading and Drafting (3)	Books: \$107	\$107
English 102 (3)	Books: Dependent on specific course	
	Estimated Total	\$2495
Fall 2021		
EIMT 41 - Commercial Wiring (12)	Resident Tuition \$131/credit + Fees \$30 (18 credits)	\$2358+\$30=\$2388
BLPR 30C -Blue Print Reading for Electricians (3)	Books: \$72	\$72
Natural Environment Elective (3)	Books: Dependent on specific course	
	Estimated Total	\$2460
Spring 2022		
EIMT 43 - Industrial Wiring (12)	Resident Tuition \$131/credit + Fees (18 credits)	\$2358+\$30=\$2388
Cultural Environmental Elective (3)	Books: No books required	
Social Environment Elective (3)	Books: Dependent on specific course	
	Books: Dependent on specific course	
	Estimated Total	\$2388
Total Estimated Cost of Attendance for Hawaii Resident		\$11,785

For general inquiries, please call the Hawai'i Community College Information Center at 934-2800 or visit hawaii.hawaii.edu.