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:

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>MINIMUM PLACEMENT INTO COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>Eng 21 or ESL 21</td>
</tr>
</tbody>
</table>

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.

For more information: hawaii.hawaii.edu/eimt
## Contact

**Faculty**

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**Information Center**  
MC 378-5  
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**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

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### Estimated Cost of Attendance

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

<table>
<thead>
<tr>
<th>Semester Course(s) and Credits</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall 2020</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIMT 20 - Interior Wiring</td>
<td>(12)</td>
<td></td>
</tr>
<tr>
<td>ETRO 120 - Electronics I</td>
<td>(5)</td>
<td></td>
</tr>
<tr>
<td><strong>Spring 2021</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIMT 22 - Electricity Theory and Practice</td>
<td>(12)</td>
<td></td>
</tr>
<tr>
<td>BLPR 22B - Blueprint Reading and Drafting</td>
<td>(3)</td>
<td></td>
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<tr>
<td>English 102</td>
<td>(3)</td>
<td></td>
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<tr>
<td><strong>Fall 2021</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIMT 41 - Commercial Wiring</td>
<td>(12)</td>
<td></td>
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<tr>
<td>BLPR 30C - Blueprint Reading for Electricians</td>
<td>(3)</td>
<td></td>
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<tr>
<td>Natural Environment Elective</td>
<td>(3)</td>
<td></td>
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<tr>
<td><strong>Spring 2022</strong></td>
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<td></td>
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<tr>
<td>EIMT 43 - Industrial Wiring</td>
<td>(12)</td>
<td></td>
</tr>
<tr>
<td>Cultural Environmental Elective</td>
<td>(3)</td>
<td></td>
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<tr>
<td>Social Environment Elective</td>
<td>(3)</td>
<td></td>
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</tbody>
</table>

**Resident Tuition**  
$131/credit + Fees [Number of Credits]  
Books:  
Estimated Total

**Books:**
- Safety Equipment and tools
- Books: Dependent on specific course

**Estimated Total**  
$2495

**Fall 2021**  
EIMT 41 - Commercial Wiring  
BLPR 30C - Blueprint Reading for Electricians  
Natural Environment Elective  
**Resident Tuition**  
$131/credit + Fees $30  
Books:  
Books: Dependent on specific course  
Estimated Total

**Books:**
- Safety Equipment and tools
- Books: Dependent on specific course

**Estimated Total**  
$2640

**Spring 2022**  
EIMT 43 - Industrial Wiring  
Cultural Environmental Elective  
Social Environment Elective  
**Resident Tuition**  
$131/credit + Fees $30  
Books: No books required  
Books: Dependent on specific course  
Estimated Total

**Books:**
- Safety Equipment and tools
- Books: Dependent on specific course

**Estimated Total**  
$2388

**Total Estimated Cost of Attendance for Hawaii Resident**  
$11,785

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