

Ace Community College  
 Unit 101-102 9486 120<sup>th</sup> Street, Surrey, B.C. V3V 4B9  
 Phone: 604-603-ACE1 (2231)  
 Email: [admissions@acecollegecanada.com](mailto:admissions@acecollegecanada.com)  
[www.acecollegecanada.com](http://www.acecollegecanada.com)



Ace Community College is designated by the Private Training Institutions Branch (PTIB)  
 and the Industry Training Authority (ITA)

**STUDENT INFORMATION**

Last Name		First Name & Middle Name	
Usual First Name		Personal Education Number (if available)	
Mailing Address			
Mailing Address in Canada (if different from above)			
Student Telephone Number		Student Email Address	
International Student:	<input type="checkbox"/> Yes <input type="checkbox"/> No		If you are an international student: Citizenship: _____
Do you have a study permit? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If you do not have a study permit, do you have a permit, visa or other written authorization to study in Canada other than a study permit? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of Birth:			Gender <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other
	Y	Y	
	Y	Y	
	Y	Y	
	Y	Y	
	M	M	
	M	M	
	D	D	
	D	D	

**Voluntary Disclosure**

**\*You may voluntarily provide the personal information listed below:**

Do you identify yourself as an Indigenous person, that is, First Nations, Métis, or Inuit?  Yes  No

If you answered "Yes", please indicate if you are:  First Nations  Métis  Inuit

Do you have a long-term physical or mental health condition that limits the kind of activity that you can perform on a daily basis?  Yes  No

**PROGRAM INFORMATION**

Program Title **ELECTRICAL FOUNDATIONS HARMONIZED PROGRAM**

<b>750</b>	<b>25</b>		
Hours of Instruction During Contract Term	Program Duration in Weeks	Contract Start Date	Contract End Date
Credential Issued on Graduation	<input type="checkbox"/> Diploma	<input checked="" type="checkbox"/> Certificate	
Program Delivery Method (select all that apply)	<input checked="" type="checkbox"/> In-class	<input type="checkbox"/> Distance	<input type="checkbox"/> Combined
Language of Instruction:	<b>English</b>		

**REQUIRED COURSE MATERIALS**

- **C22.1-18 Canadian Electrical Code, Part I (24th edition), Safety Standard for Electrical Installations**  
*Author: CSA Group Publisher: CSA Group*
- **Electrician Apprenticeship Program: Level 1: Harmonized (2018) – Print Edition - Two (2) Binder Set**  
*Author: ITA Publisher: Queen’s Printer*
- **Electrical Foundations Harmonized Program Exercise Book (online resource)**  
*Author: ACE Community College Publisher: ACE Community College*
- **Electrical Foundations Harmonized Program Lab Book (online resource)**  
*Author: ACE Community College Publisher: ACE Community College*

**OPTIONAL RECOMMENDED READING**

<b>Delmar's Standard Textbook of Electricity, 7th Edition</b> <i>Author: Stephen L. Herman – Publisher: Nelson Canada</i>	<b>Electrical Wiring – Residential</b> <i>Author: Mullin and Fraser Publisher: Nelson Canada</i>
<b>Applications of Electrical Construction</b> <i>Author: Robert Clidero and Kenneth Sharpe Publisher: Irwin</i>	<b>Practical Problems In Mathematics For Electricians</b> <i>Author: Herman Publisher: Delmar</i>
<b>Electricians Guide To AC Motor Control</b> <i>Author: Richard Cox Publisher: COXCO (2017)</i>	<b>Ugly's Electrical References 2017</b> <i>Author: Ed Hart Publisher: J&amp;B</i>
<b>AC Fundamentals</b> <i>Author: Duff and Herman Publisher: Delmar</i>	<b>Basic Electricity (2nd Edition) Schaum's Outline</b> <i>Author: Gussow Publisher: MCG</i>
<b>DC Fundamentals</b> <i>Author: Loper and Tedson Publisher: Delmar</i>	<b>Basic Mathematics For Electricity &amp; Electronics (Schaum's)</b> <i>Author: Beiser Publisher: MHR</i>

## PROGRAM ADMISSION REQUIREMENTS – MAY NOT BE WAIVED BY THE STUDENT OR THE INSTITUTION

Grade 12 graduation, or equivalent (General Education Development, Adult Basic Education), or mature student status (age 19 and one year out of school). All transcripts must be "true certified copies" or originals. Applicants must successfully complete an admissions interview and entrance assessments with a minimum score of 70% in the English Assessment and a minimum score of 70% in the Math Assessment.

### Domestic Students:

Domestic students who can provide a Canadian transcript showing completion of English 11 or 12 (or equivalent) with a passing grade of 'C', will be exempt from having to write the English Entrance Assessment.

Domestic students who can provide a Canadian transcript showing completion of Math 10, 11 or 12 (or equivalent) with a passing grade of 'C', will be exempt from having to write the Math Entrance Assessment.

### International Students:

International students can meet the Math Entrance Assessment requirement by providing an equivalent to Canadian High School Math 10, 11 or 12 with a passing grade of 'C'. The credential must be evaluated and verified.

## PROGRAM OUTLINE

### Course Duration and Schedule

Total program hours	750 hours
Total program length Full-time	25 weeks

The campus determines the start date for this program and how frequently the program is delivered will depend on enrolments. Students may only enter the program in the introductory phase as the program is cohort-based.

On-campus courses are scheduled Monday to Friday, with students expected to attend all sessions, which are 6 hours in length. Specific class hours and schedule will be provided by the campus at the time of enrolment. In B.C., students normally write the Inter-Provincial (IP) exam during the final week of the last technical training session. The Industry Training Authority (ITA) is responsible for tracking technical training session completions in ITA Direct Access and administers the IP exam. To qualify to write the IP exam, students must have successfully completed all of the technical training sessions for the registered electrician trade.

### Brief Course Description

This Electrical Foundation harmonized program provides adults and youth, who do not have work experience or employer sponsorship, with an opportunity to gain the knowledge and skills needed to enter the Construction Electrician occupation. An Electrician is designated as a Construction Electrician under the Inter-Provincial Red Seal program. This program provides opportunities for students to gain lifetime employable skills and provides employers with a highly trained and experienced workforce, while strengthening B.C.'s economy.

The program emphasizes a hands-on approach to training, where experience gained in the workshop is focused on industry practice. The necessary theoretical work component is integrated into the program to complement and enhance the practical. Industry tours will expose the student to a variety of work environments.

After completing a mathematics review, students will learn how to use hand tools, power tools and test equipment safely; apply basic Electrical theory and circuit concepts; learn safety procedures; read and interpret drawings; install low voltage systems and control devices; analyze motor controls and are introduced to the Canadian Electrical Code. Practical application of theory is demonstrated in Labs and Shop. Contained within the program is certification training for WHMIS and Standard First Aid CPR/AED Level C.

The Electrical Foundation harmonized program includes a 6-week Practicum and workplace orientation. This includes a minimum of 25 hours per week, for a minimum total of 150 hours (144 practicum hours and 6 hours of workplace orientation). Practicum placements are subject to availability (may be in various areas).

This program includes Level 1, which is the first year theoretical and hands-on training component of the four-year apprenticeship program. Upon successful completion of the program requirements, students will receive certification and a total of 350 hours towards their apprenticeship.

### **Learning Objectives**

The aim of this program is to provide learners with the necessary skills and aptitude required to advance their careers as electrical apprentices in various settings: residential, commercial and other electrical contractors. Students will learn all of the general area competencies required for work-based training and Level 1, understand the apprentice pathway to certification, and be prepared to write the ITA exam for Electrical Foundation harmonized program at the conclusion of the technical training. Foundation training prepares students to begin work in the construction industry. Students who successfully complete this program will acquire breadth of knowledge and develop the necessary habits concerning safety, time and materials management, hand tools and power tools. Various practical projects are performed in a shop environment to enhance students' skills in layout, assembly, installation, testing, troubleshooting and repairing electrical wiring, fixtures, control devices and related equipment in buildings and other structures.

At the end of the Foundation program students will write the Construction Electrician Level 1 exam. Students who complete the Foundation program and exam are eligible for ITA credit in Construction Electrician Level 1 apprenticeship and 350 work-based hours.

### **Teaching Methods**

Course delivery is instructor-led and combines theory lectures with laboratory demonstrations and practical laboratory engagement.

- In-class lecture including demonstrations
- Focused course activities
- PowerPoint presentations as applicable
- Application based exercises

### **Homework Hours**

Homework expectation is a minimum of five hours per week to support the course learning.

### **Methods of Student Evaluation**

Self-test quizzes are used as a means of validating the students' module progress. Students should use these self-test quizzes as a means of identifying their strengths and the areas they can improve on. Areas of difficulty are best addressed by seeking additional assistance. Tests are included in the overall course grade and are taken upon the completion of each module. The tests carry a weight of 60% and are added to a participation mark weighted at 40% to equal the final course grade out of 100%. A minimum of 70% is required to pass each test. A final ITA exam is also taken on the last day. A final grade of 70% is required to pass this exam.

### **Completion Requirements**

- Successful completion of all course assignments and tests with a minimum of 70% overall average.
- Successfully passing the ITA exam with a minimum of 70% overall average.
- Successful completion of 4 weeks (150 hours) of attested practicum and workplace orientation hours.
- Successful completion of CPR, First Aid and WHMIS training which will be completed during the program.

## STATEMENT OF STUDENT RIGHTS

Ace Community College is certified with the [Private Training Institutions Branch](#) (PTIB) of the British Columbia Ministry of Advanced Education and Skills Training.

Before you enrol at a certified private training institution, you should be aware of your rights and responsibilities.

You have the right to be treated **fairly** and **respectfully** by the institution.

You have the right to a **student enrolment contract** that includes the following information:

- amount of tuition and any additional fee for your program
- refund policy
- if your program includes a work experience, the requirements to participate in the work experience and the geographic area where it will be provided
- whether the program was approved by PTIB or does not require approval.

Make sure you read the contract before signing. The institution must provide you with a signed copy.

You have the right to access the institution's **dispute resolution process** and to be **protected against retaliation** for making a complaint.

You have the right to make a **claim** to PTIB for a **tuition refund** if:

- your institution ceased to hold a certificate before you completed an approved program
- you were misled about a significant aspect of your approved program.

You must file the claim within **one year** of completing, being dismissed or withdrawing from your program.

For more information about PTIB and how to be an informed student, go to:

<http://www.privatetraininginstitutions.gov.bc.ca/students/be-an-informed-student>.

## WORK EXPERIENCE (If applicable)

This Electrical Foundation harmonized program provides adults and youth, who do not have work experience or employer sponsorship, with an opportunity to gain the knowledge and skills needed to enter the Construction Electrician occupation.

## REGULATORY REQUIREMENTS (If applicable)

Grade 12 graduation, or equivalent (General Education Development, Adult Basic Education), or mature student status (age 19 and one year out of school). All transcripts must be "true certified copies" or originals. Applicants must successfully complete an admissions interview and entrance assessments with a minimum score of 70% in the English Assessment and a minimum score of 70% in the Math Assessment.

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**International Students:**

International students can meet the Math Entrance Assessment requirement by providing an equivalent to Canadian High School Math 10, 11 or 12 with a passing grade of 'C'. The credential must be evaluated and verified.

PROGRAM COSTS (DOMESTIC)		
Tuition	\$7720	
Application fee	\$250	
Assessment fee	\$250	
Books and Supplies	\$859	
Course Material fee	\$771	
Other fees	\$205	
Taxes	\$502.75	
<b>TOTAL PROGRAM COSTS</b>	<b>\$10557.75</b>	
PROGRAM COSTS (INTERNATIONAL)		
Tuition	\$9650	
Application fee	\$350	
Assessment fee	\$100	
Books and Supplies	\$859	
Course Material fee	\$771	
Other fees	\$205	
Taxes	\$621.85	
<b>TOTAL PROGRAM COSTS</b>	<b>\$13058.85</b>	
PAYMENT TERMS		
Method of payment:	<input type="checkbox"/> Cash <input type="checkbox"/> Cheque <input type="checkbox"/> Credit Card <input type="checkbox"/> Other: _____	

Institutions may include a payment plan here.

## TUITION REFUND POLICY

A student may be entitled to a refund of tuition fees in the event that:

- The student provides written notice to the institution that the student is withdrawing from the program or, the institution provides written notice to the student advising that the student has been dismissed from the program.
- The written notice of withdrawal or dismissal must include an effective date.
- The refund to which a student is entitled is calculated on the total tuition fees due under the contract. Where total tuition fees have not yet been collected, the institution is not responsible for refunding more than has been collected to date and the student may be required to make up for monies due under the contract.
- Where a student withdraws or is dismissed from their program after receiving tools and/or technical equipment from the institution free of charge, the student must return the tools and/or technical equipment unopened or as-issued within 14 calendar days. If the student fails to return the tools and/or technical equipment within 14 calendar days, or the student does not return the tools and/or technical equipment unopened or as-issued, the institution may deduct the reasonable cost of the tools and/or technical equipment from any amount to be refunded to the student.

Circumstances when Refund Payable	Amount of Refund
<b>Before program start date</b> , institution receives a notice of withdrawal (applies to all students)	
<ul style="list-style-type: none"> <li>• No later than seven days after student signed the enrolment contract, and</li> <li>• Before the program start date.</li> </ul>	100% tuition and all <a href="#">related fees</a> , other than application fee. Related fees include: administrative fees, application fees, assessment fees, and fees charged for textbooks or other course materials.
<ul style="list-style-type: none"> <li>• At least 30 days before the later of:                             <ol style="list-style-type: none"> <li>a) The program start date in the most recent Letter of Acceptance (international students)</li> <li>b) The program start date in the enrolment contract.</li> </ol> </li> </ul>	Institution may retain up to 10% of tuition, to a maximum of \$1,000. Institution must refund fees paid for course materials if not provided to the student.
<ul style="list-style-type: none"> <li>• More than seven days after the student and institution signed the enrolment contract, and</li> <li>• Less than 30 days before the later of:                             <ol style="list-style-type: none"> <li>a) The program start date in the most recent Letter of Acceptance (international students)</li> <li>b) The program start date in the enrolment contract.</li> </ol> </li> </ul>	Institution may retain up to 20% of tuition, to a maximum of \$1,300. Institution must refund fees paid for course materials if not provided to the student.
<b>After program start date</b> , institution provides a notice of dismissal or receives a notice of withdrawal (applies to all students, except those enrolled in a program delivered solely by distance education)	
<ul style="list-style-type: none"> <li>• After the program start date, and up to and including 10% of instruction hours have been provided.</li> </ul>	Institution may retain up to 30% of tuition. Institution must refund fees paid for course materials if not provided to the student.

<ul style="list-style-type: none"> <li>After the program start date, and after more than 10%, but before 30% of instruction hours, have been provided.</li> </ul>	<p>Institution may retain up to 50% of tuition.</p> <p>Institution must refund fees paid for course materials if not provided to the student.</p>
<p>Student does not attend program – “no-show” (applies to all students except those enrolled in a program delivered solely by distance education):</p>	
<ul style="list-style-type: none"> <li>Student does not attend the first 30% of the program.</li> </ul>	<p>Institution may retain up to 50% of the tuition.</p> <p>Institution must refund fees paid for course materials if not provided to the student.</p>
<p>Institution receives a refusal of study permit (applies to international students requiring a study permit):</p>	
<ul style="list-style-type: none"> <li>Before 30% of instruction hours would have been provided, had the student started the program on the later of the following: <ul style="list-style-type: none"> <li>a) The program start date in the most recent Letter of Acceptance</li> <li>b) The program start date in the enrolment contract</li> </ul> </li> <li>Student has not requested additional Letter(s) of Acceptance.</li> </ul>	<p>100% tuition and all related fees, other than application fee.</p>
<p>After the program start date, student withdraws or is dismissed (applies to students enrolled in a program delivered solely by distance education):</p>	
<ul style="list-style-type: none"> <li>Student completed up to 30% of the program.</li> </ul>	<p>Institution may retain up to 30% of the tuition.</p> <p>Institution must refund fees paid for course materials if not provided to the student.</p>
<ul style="list-style-type: none"> <li>Student completed more than 30% but less than 50% of the program (based on evaluation provided to student).</li> </ul>	<p>Institution may retain up to 50% of the tuition.</p> <p>Institution must refund fees paid for course materials if not provided to the student.</p>
<p>Student enrolled in a program without having met the admission requirements for the program</p>	
<ul style="list-style-type: none"> <li>If the student did not misrepresent the student’s knowledge or skills when applying for admission and the registrar orders the institution to refund tuition and fees.</li> </ul>	<p>100% tuition and all related fees, including application fees</p>



Circumstances when Refund Payable	Amount of Refund
Institution does not provide a work experience	
<ul style="list-style-type: none"> <li>The institution fails to provide the work experience within 30 days of the contract end date, unless the registrar determines the institution was prevented from doing so by circumstances beyond its control.</li> </ul>	100% tuition and all related fees, other than application fees

Institution must pay the tuition or fee refund **within 30 days** after receiving notice of withdrawal or refusal of study permit; providing a notice of dismissal, or the date on which the first 30% of the hours of instruction are provided (no-show).

**International Students:**

- An international student is a person who is not a Canadian Citizen, Permanent Resident or who has been determined under the Immigration and Refugee Protection Act to be a Convention Refugee.
- If an international student’s Study Permit has not been issued by the start date identified in the institution’s Letter of Acceptance and the student so notifies the institution, at the request of the student, the institution may issue a second Letter of Acceptance for a later start date. In such a circumstance, the institution may charge the student an additional \$200.00 administrative fee and retain the balance of the prepaid tuition fees pending the outcome of the Study Permit application. Should the student fail to advise the institution, the institution’s tuition refund policy will apply.

**PRIVATE TRAINING INSTITUTIONS BRANCH**

This institution is certified by the Private Training Institutions Branch (PTIB) of the Ministry of Advanced Education and Skills Training. Certified institutions must comply with regulatory requirements relating to, among other things, student enrolment contracts, tuition refunds and instructor qualifications. For more information about PTIB, go to [www.privatetraininginstitutions.gov.bc.ca](http://www.privatetraininginstitutions.gov.bc.ca).

Please be advised that under section 61 of the *Private Training Act*, the Registrar is authorized to collect, use and disclose personal information in accordance with the Registrar’s regulatory duties under that Act. Accordingly, this institution is authorized to disclose your personal information to the Registrar for regulatory purposes.

**SCHOOL POLICY INFORMATION**

It is the student’s responsibility to read and understand the ACE Community College policy information. The following policies can be reviewed in detail at this link: <https://acecollegecanada.com/our-policies/>

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li>Academic Transcript</li> <li>Accessibility and Special Accommodation</li> <li>Archived Student Records</li> <li>Class Cancellation</li> <li>Course Cancellation</li> <li>Dispute Resolution</li> <li>Grade Appeal</li> </ul> | <ul style="list-style-type: none"> <li>Employment Preparation and Assistance</li> <li>Leave of Absence</li> <li>Attendance</li> <li>Health and Safety</li> <li>Payment Method</li> <li>Prior Learning Assessment and Transfer Credit</li> </ul> | <ul style="list-style-type: none"> <li>Privacy</li> <li>Program Changes and Deferrals</li> <li>Respectful Behaviour</li> <li>Student Withdrawal and Dismissal</li> <li>Tuition and Refund</li> <li>Workplace Bullying and Harassment</li> <li>Sexual Violence</li> <li>Statement of Student Rights</li> </ul> |
|---|---|---|

**STUDENT DECLARATION**

I consent to the Institution sharing my personal information with the Ministry of Advanced Education and Skills Training for research purposes and statistical analysis under the authority of sections 6(2)(a) and 10(1)(a) of the Personal Information Protection Act (PIPA).

I consent to the sharing, in accordance with Provincial privacy legislation, of my enrolment and reporting information between Ace Community College and Immigration, Refugees and Citizenship Canada, as necessary, for the purposes of the International Student Program.

Should you have any questions about the collection, disclosure and use of personal information you may contact: Director, Policy and Institution Certification, Private Training Institutions Branch, Governance, Legislation and Corporate Planning Division, Ministry of Advanced Education and Skills Training, 203 - 1155 W. Pender St, Vancouver, BC V6E 2P4 or by telephone at (604 569-0019).

Student Signature		Date Signed
Signature of Parent or Legal Guardian		Date Signed
<b>INSTITUTION SIGNATURE</b>		
Signature of Institution Representative		Date Signed