

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



Ace Community College is designated by the Private Training Institutions Branch (PTIB) and the SkilledTradesBC

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
	Y	Y	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other
	Y	Y	
	Y	Y	
	M	M	
	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 **Green Energy Installer Training**

180	6 weeks - FT, 3 Months-PT		
Hours of Instruction During Contract Term	Program Duration in Weeks	Contract Start Date	Contract End Date

Credential Issued on Graduation Diploma Certificate

Program Delivery Method (select all that apply) In-class Distance Combined

Language of Instruction: **English**

REQUIRED COURSE MATERIALS

- **Green Energy Installer Course E-book**
Author: ACE Community College

RECOMMENDED RESOURCES

- **The Renewable Energy Handbook**
Author: Mr. William H Kemp
- **Canada Proof Solar Power System - A Reference Manual**
Canadian Energy
- Work Safe BC
<https://www.worksafebc.com/en/law-policy/occupational-health-safety/searchable-ohs-regulation>
- Provincial Building Codes
<https://www.bccodes.ca/building-code.html>
- BC Security Services Act
http://www.bclaws.ca/eplibraries/bclaws_new/document/id/freeside/00_07030_01

REFERENCE BOOKS (OPTIONAL)

1. **Solar Farms: The Earthscan Expert Guide to Design and Construction of Utility-Scale Photovoltaic Systems**
Author: Susan Neill
2. **Photovoltaic Design & Installation**
Author: Ryan Mayfield

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

Applicants must successfully complete an admissions interview and entrance assessments with a minimum score of 20/40 in the English Assessment and a minimum score of 20/40 in the Math Assessment (with a minimum composite score of 40/80).

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	180 hours
Total program length Full-time	6 weeks
Total program length Part-time	3 Months

The campus determines the start date for this program. 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 (six) hours in length. Specific class hours and schedule will be provided by the campus at the time of enrolment.

Brief Course Description

Green Energy Installer Training program is developed in consultation with industry experts and is geared to youth and adults who have an interest in working in renewable energy industry. The future of BC's energy looks bright, with clean energy job growth projected to outpace losses in fossil fuels amid a shifting global landscape. Students will be prepared for entry-level jobs in green energy equipment installation and service where demand is high and earning potential is good. Renewable Energy employers will gain highly trained and experienced workforce which supports in strengthening British Columbia's economy.

Clean energy sector's GDP is forecast to grow an impressive 58% by 2030 . By 2030, clean energy will make up 29% of Canada's total energy GDP, which means between 2021 and 2030, there will be close to 50 gigawatts of wind and solar projects to be installed or to begin construction. Wind and solar energy have contributed more to Canada's installed electricity, generating capacity than any other technologies over the last decade. Already, Canada's clean energy sector employs 430,500 people more than the entire real estate sector and by 2030, that number is projected to grow almost 50% to 639,200.

B.C. is home to two hydrogen fuel cell manufacturers, Loop Energy and Ballard Power, both of which are seeing international demand for their technology. Employers must find creative solutions, including hiring entry-level employees and helping them to develop the skills required on the job. By 2030, there will be 26 times more jobs in electric vehicle technology than there were in 2020. Canada's auto sector is starting to shift in the electric direction. General Motors, Ford, and Stellantis(formerly Fiat Chrysler) have announced major electric vehicle assembly investments in Canada over the past year. But with more EV models on the horizon,Canada must take action to expand its EV manufacturing capabilities.

This program emphasizes hands-on, practical training, using equipment typically encountered in the renewable energy industry in ACE Community College 3200 sq feet workshop totally 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.

Career Occupation

Graduates will be able to work in entry-level positions as installers for various residential/ commercial renewable energy projects including Solar Panels , wind energy , electric car charging stations etc. They will have essential safety certifications and skills training to start their career in green energy sector as installers that will allow them to contribute in various projects.

Learning Objectives

Upon completion of this program, students will be trained to work in Green Energy Installer Training projects involved in :

- Apply solar photovoltaic systems safety principles and practices including controlling for identified risks.
- Supporting crew involved in development of solar photovoltaic pre-installation on-site implementation strategy.
- Assist in installation, troubleshooting and maintenance of solar photovoltaic systems.
- Support in Installation of geothermal and solar thermal heating systems in conformance with the Canadian Electrical Code.
- Assist in testing RTD and thermocouple sensors.
- Assist in Installation and connection of batteries, battery charging systems including inverters and fuel cells.
- Apply safe work practices in renewable energy storage, production and retrieval systems.
- Will be able to install a domestic EV car charging point.

Teaching Methods

Course delivery is blended and combines in-class and distance lectures with shop demonstrations and practical shop engagement.

- Technical training via combined delivered including demonstration
- Focused course activities
- PowerPoint presentations as applicable
- Application based exercises

Homework Hours

Homework expectation is a minimum of one to three hours per day to support the course learning.

Methods of Student Evaluation

- Weekly on-campus tests
- Final exam at end of course

Completion Requirements

- Successful completion of all on-campus tests with a minimum of 50% overall average.
- Successfully passing final exam with a minimum of 50% overall average.
- Successful completion of Confined spaces, ladder safety 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.privateinstitutions.gov.bc.ca/students/be-an-informed-student>.

REGULATORY REQUIREMENTS (If applicable)

Applicants must successfully complete the admissions interview and entrance assessments with a minimum score of 20/40 in the English Assessment and a minimum score of 20/40 in the Math Assessment (with a minimum composite score of 40/80).

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 COSTS

	Domestic Students	International Students
Tuition	\$3425	\$3925
Application fee	\$250	\$250
Assessment fee	\$250	\$250
Administrative fee	\$100	\$200

Textbook fee	\$200	\$200
Materials fee	\$250	\$250
Lab Fee	N/A	N/A
Taxes	\$223.75	\$273.75
TOTAL PROGRAM COSTS	\$4698.75	\$5548.75

PAYMENT TERMS

Method of payment: Cash Cheque Credit Card 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
Before program start date, institution receives a notice of withdrawal (applies to all students)	

<ul style="list-style-type: none"> No later than seven days after student signed the enrolment contract, and Before the program start date. 	100% tuition and all related fees , 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"> At least 30 days before the later of: <ul style="list-style-type: none"> a) The program start date in the most recent Letter of Acceptance (international students) b) The program start date in the enrolment contract. 	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"> More than seven days after the student and institution signed the enrolment contract, and Less than 30 days before the later of: <ul style="list-style-type: none"> a) The program start date in the most recent Letter of Acceptance (international students) b) The program start date in the enrolment contract. 	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.
After program start date , 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"> After the program start date, and up to and including 10% of instruction hours have been provided. 	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"> After the program start date, and after more than 10%, but before 30% of instruction hours, have been provided. 	Institution may retain up to 50% of tuition. Institution must refund fees paid for course materials if not provided to the student.
Student does not attend program – “no-show” (applies to all students except those enrolled in a program delivered solely by distance education):	
<ul style="list-style-type: none"> Student does not attend the first 30% of the program. 	Institution may retain up to 50% of the tuition. Institution must refund fees paid for course materials if not provided to the student.
Institution receives a refusal of study permit (applies to international students requiring a study permit):	
<ul style="list-style-type: none"> 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"> a) The program start date in the most recent Letter of Acceptance b) The program start date in the enrolment contract Student has not requested additional Letter(s) of Acceptance. 	100% tuition and all related fees, other than application fee.

After the program start date, student withdraws or is dismissed (applies to students enrolled in a program delivered solely by distance education):	
<ul style="list-style-type: none"> Student completed up to 30% of the program. 	<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"> Student completed more than 30% but less than 50% of the program (based on evaluation provided to student). 	<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>
Student enrolled in a program without having met the admission requirements for the program	
<ul style="list-style-type: none"> 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. 	100% tuition and all related fees, including application fees
Circumstances when Refund Payable	Amount of Refund
Institution does not provide a work experience	
<ul style="list-style-type: none"> 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. 	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.

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/>

- Academic Transcript
- Accessibility and Special Accommodation
- Archived Student Records
- Class Cancellation
- Course Cancellation
- Dispute Resolution
- Grade Appeal
- Employment Preparation and Assistance
- Leave of Absence
- Attendance
- Health and Safety
- Payment Method
- Prior Learning Assessment and Transfer Credit
- Privacy
- Program Changes and Deferrals
- Respectful Behaviour
- Student Withdrawal and Dismissal
- Tuition and Refund
- Workplace Bullying and Harassment
- Sexual Violence
- Statement of Student Rights

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
---------------------------------------	-------------

INSTITUTION SIGNATURE

Signature of Institution Representative	Date Signed
---	-------------