

5 DAY PV101: SOLAR TRAINING SOLAR ELECTRIC DESIGN AND INSTALLATION COURSE

PV101 is your gateway to a career in the solar industry. It all starts with the fundamentals, and a solid understanding of various components, system architectures, and applications for PV systems. Other topics include site analysis, system sizing, array configuration, and performance estimation; electrical design characteristics such as wiring, overcurrent protection, and grounding; a detailed look at module and inverter specifications and characteristics; mounting methods for various roof structures and groundmounts; and an introduction to safely and effectively commissioning grid-direct PV systems. This course focuses on grid-direct PV systems, the largest and fastest growing segment of the PV industry, but covers material critical to understanding all types of PV systems. This course includes hands-on installation of a working system on the final day.

Our program is CSA and NABCEP Certified and meets the prerequisite of in-class and hands-on experience training electricians need for writing the CSA Solar Photovoltaic (PV) Systems Certified (SPVC) Certification (NOC 7241).

Course Information:

Dates: May 13-17, 2019
Time: 9:00-4:00pm
Cost: \$1,525 Early Bird until Mar 26
\$1,675 Regular Price after Mar 27
Location: Medicine Hat College
Registration Deadline: Apr 26

Course Information:

Dates: June 7-9 & 14-16, 2019
Time: Friday 1-4:00pm, Sat/Sun 9-4:00
Cost: \$1,525 Early Bird until Apr 22
\$1,675 Regular Price after Apr 23
Location: MHC Brooks Campus
Registration Deadline: May 22

PV Systems Commissioning Course - **COMING SOON!**

The PV Systems Commissioning course is for those interested in constructing, operating, commissioning, and maintaining PV systems. PV Commissioning Specialists understand and follow a quality-oriented process for achieving, verifying, and documenting the performance and safety of PV systems. Included in this course is a thorough introduction to solar photovoltaic systems and covers existing global standards, safety, documentation, design, diagnostic testing, troubleshooting and customer training. You will become familiar with the solar PV construction, develop an understanding of the components inside and out as well as learn to review design documentation, conduct tests and perform preventative & corrective maintenance.



Canada-Alberta Job Grant

The Canada-Alberta Job Grant can help Alberta employers fund training for new or current employees.

There are now more ways for Alberta businesses and workers to benefit from the Canada-Alberta Job Grant (CAJG) training subsidy.

- As always, get up to two-thirds of the cost of training covered for eligible current employees, up to \$10,000 per trainee.
- Up to 100% of training costs reimbursed when hiring and training eligible unemployed Albertans, up to \$15,000 per trainee.
- Sole proprietors can now apply to CAJG to train their employees.
- Travel assistance will allow more businesses outside Edmonton and Calgary, to train their employees.

Apply now AlbertaCanada.com/jobgrant



Canada

Funding provided by the
Government of Canada
through the Canada Job Fund

To register call 403-529-3844 or visit our website at
www.mhc.ab.ca/continuingstudies
For questions about the course contact Erin at
eferris@mhc.ab.ca



MEDICINE HAT
COLLEGE