

# Solar PV Technical Certificate

Solar Photovoltaic (PV) is one of the fastest growing technologies in the energy market.

Because CCC offers the Solar PV Technical Certificate online, students have the ability to learn and work from home.

Participation in Saturday “boot camps” is recommended to gain hands-on training. Boot camps are offered every eight weeks in the fall and spring semesters.



Students installing solar panels on a mock rooftop during a Saturday boot camp.

## Contact Information

**Derek Reilley**  
**Sustainable/Renewable Energy**

1255 South Range Ave.  
Colby, KS 67701  
(785) 460-5431

**Admissions Office**  
admissions@colbycc.edu  
(888) 634-9350  
Fax: (785) 460-4691  
www.colbycc.edu



### Equal Opportunity

CCC does not discriminate on the basis of race, color, gender, age, disability, national origin or ancestry, sexual orientation or religion. The following person has been designated to handle inquiries regarding non-discrimination policies:

**Vice President of  
Student Affairs**

1255 South Range Ave.  
Colby, KS 67701  
(785) 460-5490

## Solar PV Technical Certificate



## SOLAR PV

### TECHNICAL CERTIFICATE



# The Industry

Solar photovoltaic installations are growing on average more than 30 percent per year based on number of systems, total capacity, and revenue.

Because this program can be completed in one year, students will be quickly prepared for the solar industry!

## Funding for High School Students

Kansas high school students are eligible for SB155 funding. Students can earn dual credit and begin their college education while in high school.

For information, high school counselors should contact the Outreach Department at:

(785) 460-4611 or  
outreach@colbycc.edu.

# CCC's Program

- Begin any semester, including summer!
- Finish in two semesters.
- 100% online with the option of a Saturday "boot camp" or alternate assignment.
- Open to full-time, part-time, and high school students.
- Job placement assistance.

## The Faculty

### Derek Reilly, M.S.

In more than 20 years of higher education, Derek has designed, installed and maintained numerous types of systems. He is a Solar Professional Trainer of Trainers and also holds credentials in residential and commercial photovoltaic systems, battery-based photovoltaic systems, and solar business and technical sales.

# Curriculum

For the best path to success, visit with your advisor to select classes before enrolling.

## SOLAR PHOTOVOLTAIC

SO100	Student Success Seminar * (1)
AE190	Electronics * (3)
AE276	Introduction to Energy Technologies * (3)
AE241	Power Storage/Transmission & Conversion ** (3)
AE177	Energy Efficiency † (3)
AE297	Small Wind/Solar PV Installation Prof. † (5)
AE298	Internship ^ (4)

## SOLAR PHOTOVOLTAIC TRACK

AE277	Solar PV Fund. & Applications * (3)
AE279	Solar PV Grid Direct ** (3)
AE200	Solar PV Battery-Based † (3)
AE201	Solar PV Technical Sales †† (3)

## TECHNICAL ELECTIVES

SO181	Career Development †† (3)
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**Total Hours: 37**



\* Fall semester, first eight weeks  
\*\* Fall semester, second eight weeks  
† Spring semester, first eight weeks  
†† Spring semester, second eight weeks  
^ Summer