SOLAR ENERGY INTERNATIONAL

Educate.
Engage.
Empower.

PV INSTRUCTOR JOB DESCRIPTION

Instructors combine their solar technical knowledge and vocation with their ability to effectively communicate concepts to various audiences to share knowledge and empower others. Instructors are contractors who must be available to teach a minimum of two classes per year, depending on course demand. SEI offers online and in-person classes, and hands-on lab classes.

Our in-person classroom classes are delivered all over the world at various venues, and our hands-on lab classes are delivered at our three worldwide campuses: Muscat Oman, Colorado USA, and Costa Rica. We are currently seeking Instructors who can teach in-person classes throughout the Middle East and Africa.

Instructors must be actively working in the industry designing, installing, or project managing PV systems, taking classes and trainings, earning new certifications, and staying up-to-date with best practices, new equipment, and regional codes and standards. These teaching positions are part time contracts on a class by class basis and contract Instructors are not SEI employees.

About our Trainings:
In-person Theory Classes: Typically, these are classroom style courses five-days (40 hours) with some small hands-on exercises/tours.
- PV101: Introduction to PV System Design (Grid-Direct)
- PV202: Advanced System Design
- PV207: PVSyst and Heliscope
- PV350: Operations and Maintenance

Hands-On Lab Classes: These five-day (40 hours) courses take place at our Oman campus. The Instructor leads a group of 5-7 students through real installations ending with commissioned, live PV systems.
- PV201L: PV System Installation (Grid-Direct)
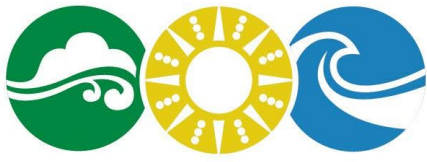- PV351L: Operations and Maintenance on Live Systems

SEI classes are generally taught with two Instructors; new instructors will go through a process of instructor development by co-teaching with Master SEI instructors as they learn our curriculum and delivery methods. Currently, the majority of our trainings are conducted in English. The majority of our students are adult professionals working in the industry or transitioning job roles.

Job Description:
- Teach two or more of the above classes per year.
- Use SEI's provided course curriculum. This includes powerpoints, textbook, instructor notes, exercises, quizzes, etc. These materials are provided to Instructors in advance of the course to prepare.
- Explain technical concepts to students of all backgrounds, ages and learning styles.
- Incorporate your own personal solar installation and design experiences into the class when answering student questions.
- Communicate and uphold best practices and industry standards for PV design, installation, and safety practices.
- Communicate with SEI staff and co-Instructors in preparation, implementation, and evaluation of courses.
- Prepare in advance for every course by taking time to review provided slides and notes in depth.

Qualifications:
- Minimum of 4 years of experience designing, installing, or project managing PV systems to provide a strong technical understanding of best practices and industry standards.
- Comprehensive understanding of the local or regional codes and standards.

- Teaching experience preferred.
- Engineering degree and/or NABCEP certification or other local/regional equivalent solar certifications (DEWA) preferred.
- Fluent in speaking, reading, and writing in English. Fluent Arabic and/or French is of interest.
- Ability to present in front of an audience for up to eight hours a day, several days in a row.
- Energetic, flexible, and personable disposition. Ability to work with people of all backgrounds and learning styles.
- Experience with MS PowerPoint and MS Office Suite.
- Ability to communicate efficiently with SEI staff and Instructors via email, Skype, and WhatsApp.
- Willingness to travel throughout the Middle East and Africa regions and ability to obtain the proper visas.

To Apply:
Complete an application with a cover letter and resume: https://www.solarenergy.org/careers-in-solar/career-application/

If your application is approved by the SEI Hiring Committee, candidates will be asked to answer a list of technical questions in written English format and submit to SEI for review. If you pass your written evaluation then you will be asked to take and pass SEI's PVOL101 online class. Upon successful completion of these steps, SEI staff will evaluate your candidacy and determine if you are ready to move forward.

Solar Energy International (SEI) is a 501(c)3 non-profit education organization with a mission to provide industry-leading technical training and expertise in renewable energy to empower people, communities and businesses worldwide. Founded in 1991, SEI has trained more than 70,000 people from around the world. As an organization, we are committed to offering the highest quality, unbiased renewable energy training that we can. We are a group of people passionate about renewable energy and are continually striving to be the best training organization that we can be. For more information about SEI, please visit: www.solarenergy.org