



SunPower® 2018 San Bernardino-Riverside Solar Energy Academy

Inspiring a New Generation of STEM Innovators

SunPower Corporation, in partnership with UC Riverside, Bourns, and the school districts of Colton, Moreno Valley, San Bernardino City, Riverside and Fontana, is providing a 5-day summer internship experience for select high school students. Participants will gain an in-depth knowledge of residential photovoltaic system design and finance.

The Student Experience

The solar energy academy is an immersive work-based learning experience. Students collaborate on teams as a solar start-up company designing a residential system. Through hands-on activities, field visits and lectures from solar professionals, students learn about project scope, design, financial and environmental economics leading the industry. The internship culminates on the final day of the academy, when student teams deliver their high-quality presentations to school officials, community members and family. By closing, students will be prepared to speak confidently about their residential solar projects and renewable energy careers.

The academy helps participants put NGSS in action, providing a venue to master solar-focused content while developing work-ready skills. Students are trained to work in groups, problem solve collaboratively, delegate tasks, create a professional presentation and present to a large public audience. Both students and teachers gain valuable experience applying STEM disciplines to professional projects.

Curriculum Daily Themes

Day One	Solar Basics
Day Two	Renewables and Sustainability
Day Three	Explorations and Economics
Day Four	Careers and Opportunities
Day Five	Final Presentations

Academy Highlights

- 40 hours of solar work-based learning
- 100% free - no cost to students
- Lunch and materials included
- Learn to sell and design a residential solar electric system
- Participate in a field trip to a local green organization
- Listen to lectures by industry professionals
- Earn a certificate of achievement

Location & Dates

- Bourns Technology Center in Riverside
- Monday July 9th - Friday July 13th, 2018
- 8:30 AM - 4:30 PM daily

Apply

- Apply here: <https://tinyurl.com/y7adydya>
- Additional registration and logistics package will be provided upon acceptance

Contact us to learn more

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