

What can I do with a specialization in solar PV?

This specialization provides an overview of solar photovoltaics (PV), intricacies of solar system design, and a framework for solar PV project management. Targeted for engineers, HVAC installers, architects and building code inspectors, it is also appropriate for anyone considering a career in the growing renewable energy field of solar power.

What can I expect from a solar engineering course?

Gain knowledge and skills from engineers with real-life experience in solar energy and electrical delivery fields. You will also understand solar plant components and PV modules; DC system and AC collector design; civil and geotechnical issues; and interconnection to distribution and the bulk power grid. Who Should Attend?

What material is included in a solar PV course?

Material includes online lectures, videos, demos, hands-on exercises, project work, readings and discussions. This is the second course in the Solar PV for Engineers, Architects and Code Inspectors specialization.

Who should take a solar engineering course?

This course is targeted for engineers who have interest in entering the solar power sectors. It is also appropriate for HVAC installers, architects and building code inspectors. Learners should have a basic grasp of electrical engineering, physics and mathematical concepts.

What is a CPV/CSP hybrid solar energy system?

The CPV/CSP hybrid solar energy system performs two functions at the same time; using PV at high efficiencies and storing hot fluid in that CSP system that generates both electricity and storable heat within the same system.

What is a PV design course?

The course probes key design concerns - including load, efficiency, and mechanical and electrical design - as well as aesthetics and tools for planning. Learners experiment with calculations needed to design a PV system, exercising newly gained knowledge about site selection, layout, code compliance, system components, and wire sizing.

Solar energy courses cover a variety of topics essential for understanding and implementing solar power systems. These include the basics of solar energy principles, photovoltaic (PV) technology, and solar panel installation. Learners ...



# College of Engineering Photovoltaic Panels

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