



3 Courses

Solar Energy Systems
Overview

Solar Energy and Electrical
System Design

Solar Energy Codes,
Permitting and Zoning



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Muhammad Asif

has successfully completed the online, non-credit Specialization

Solar Energy for Engineers, Architects and Code Inspectors

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 solar industry. Courses introduce learners to how PV operates and the anatomy of solar electric systems, the economics of solar power, pros and cons of different systems, considerations for designing a PV system, and fundamental code compliance. Materials primarily focus on solar PV in the United States. Projects assist learners with understanding solar PV system layouts and costs, calculating PV system size, and identifying appropriate system design and labeling requirements.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Gay Canough Timothy Leyh

Gay Canough, PhD,
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Consulting and Founder
of ETM Solar Works

Timothy Leyh, Executive
Director of the
University at Buffalo
Center for Industrial
Effectiveness

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