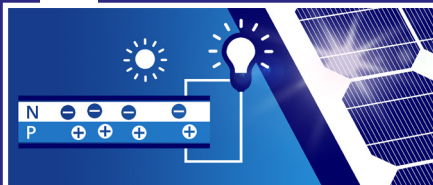


# Solar Energy Engineering

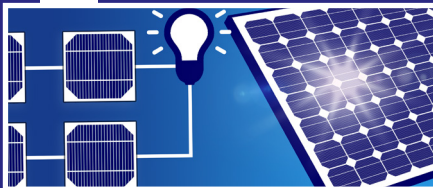
## TU Delft MicroMasters Program

The TU Delft MicroMasters® Program Solar Energy Engineering provides present and potential employees in the solar energy industry with the in-depth knowledge and engineering skills to help them become experts. This knowledge can be deployed in systems design, engineering, installation, device fabrication, quality assurance and project management.

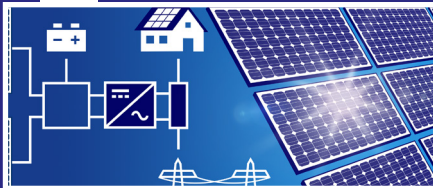
### The TU Delft MicroMasters Program Solar Energy Engineering offers 5 Courses:



**PV1x:**  
Photovoltaic Energy Conversion  
Model a working solar cell.



**PV2x:**  
Photovoltaic Technologies  
Design concepts and fabrication processes.



**PV3x:**  
Photovoltaic Systems  
Design a PV-System.



**PV4x:**  
Integration of Photovoltaic  
Systems in Microgrids  
Design concepts of Microgrids.



**PV5x:**  
Capstone Project  
Photovoltaic application project.

### Key benefits:

- Enhanced knowledge and engineering skills of employees.
- High profile networking: course lecturers are prominent researchers in solar energy with extensive experience in collaborating with industry.
- Cost-effective training: no travel time. Employees can enroll for a single course or the entire MicroMasters Program.
- Verified certificates: reliable proof of candidates' knowledge level.

### MicroMaster Program details:

- Length per course: 11 weeks
- Hours per week: 10
- Start date first course: April 25, 2017
- Price per course (USD):  
\$ 250 (PV1x - PV4x)  
\$ 400 (PV5x, Capstone project)
- Graduate level, English spoken
- Enroll: [www.edx.org](http://www.edx.org)

*"Skilled engineers are essential to sustain the rapid growth in the solar energy industry and drive innovation to reduce the cost of solar power."*

Pierre Verlinden,  
Vice-President and Chief Scientist,  
Trina Solar



**Professor Arno Smets** is the lead lecturer of Solar Energy Engineering. Professor Smets is the first ever recipient of the edX Prize for Exceptional Contributions to Online Teaching and Learning.

For more information go to:  
[edx.org/micromasters](http://edx.org/micromasters)