



# CERTIFICATE *of* ACHIEVEMENT



**Arno H.M. Smets**

Associate Professor Photovoltaic Materials and Devices  
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This is to certify that

## Anas Sahban Alnajjar

successfully completed and received a passing grade in

### ET.3034TU: Solar Energy

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology through edX.

VERIFIED CERTIFICATE  
Issued December 11th, 2014

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