

## **Certificate of Completion (COC) in Solar Voltaic Manufacturing Technology**

The COC in Solar Voltaic Manufacturing Technology is a short program consisting of approximately 13 credits, majority of them transferable to the Solar Voltaic AAS degree (which consists of 99 credits). This can be earned in one or two terms. The certificate is intended for those with no related education or experience.

The COC will satisfy the hiring needs of the new solar cell industry established in Portland Metro for entry level operator positions, and ideally lead to the transition into the AAS Degree in Solar Voltaic Manufacturing Technology (designed for technician positions in the solar industry).

MT 90 Basic Electronics 3cr. or MT 111 Intro to Circuit Analysis 4cr.

MT 101 Intro to Semiconductor Manuf. (10 hours) 1cr.

MT 102 Intro to Semiconductor Devices (10 hours) 1cr.

MT 104 Intro to Solar Voltaic Process (10 hours)-1cr.

CH 100 Fundamentals of Chemistry 4cr. or higher

MT 121 Digital I 3cr.

- Total Credits: minimum 13
- Competency in Writing 115 and Math 65 required (placement test to be taken, or previous college credit).

Questions can be addressed to the Microelectronics Technology department chair:

Eric Kirchner  
ekirchne@pcc.edu