



SDF Funding

Employers who wish to apply for SDF funding must submit the SDF Form 1 to SDF at least one working day before course start date.

Download the form at www.sdf.gov.sg or request for a copy by calling the SDF Hotline on 68835885.

Registration & Payment

- Walk-in at the Customer Service Centres
- Apply online at www.ite.edu.sg/cet/sc/online.htm
- Post the application form to us

Payment is required for confirmation of place. Crossed cheques should be made payable to 'Institute of Technical Education. At the back of the cheque, please write your name, NRIC/FIN, course title and contact number.

Closing date: 1 month before course start date or when the class is full.

Withdrawal & Deferment

Withdrawal or deferment notice must be made in **writing**:

- 2 weeks or more before course start date - Full refund
- Less than 2 weeks before course start date - 50% refund
- On or after course start date - No refund

In the event that the course is cancelled due to unforeseen circumstances, full refund will be given.

Semiconductor Metrology Measurements

Objective

To provide participants with the skills and knowledge in calibrating, maintaining, inspecting and testing of semiconductor equipments.

Who Should Attend

Those working in the semiconductor industries who wish to learn more about Semiconductor Metrology.

Content

- State the functions of the following wafer inspection/measuring tools :
 1. Optical microscope
 2. Ellipsometer
 3. Critical Dimensions
 4. Resistivity and Sheet Resistance
 5. Film Stress on processed wafer
- Inspection of Defectives wafers using the Optical microscope
- Measure the thickness and refractive index of metal, oxide or dielectric film using the Ellipsometer and calculate its uniformity
- Measure the critical dimensions of a metal or oxide film and uniformity
- Measure the resistivity and sheet resistance of a metal or oxide film using the 4 point probe technique
- Measure the stress on a oxide film

Course Details

- Duration : 12 hours (2 hands-on sessions)
- Total Fee : \$220 (inclusive of GST and registration fee)
- Schedule : See our website for details or call us for more information