

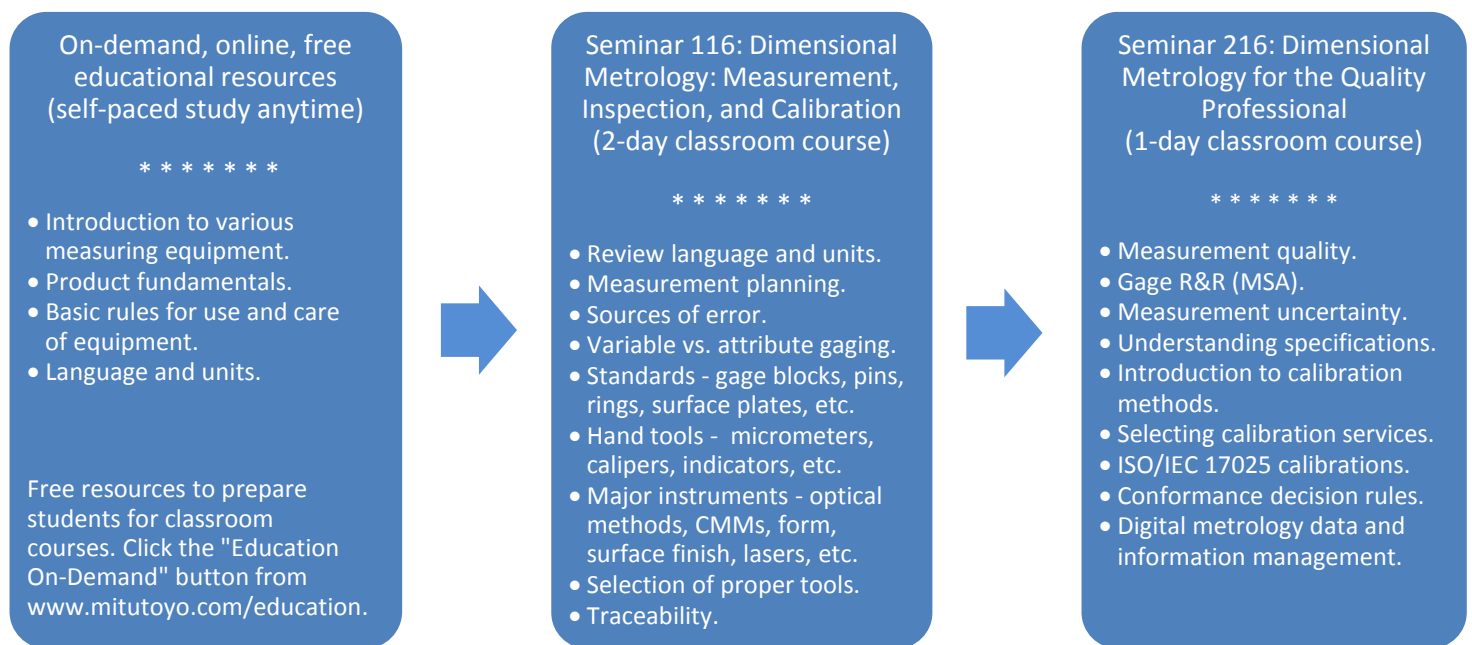
# Dimensional Metrology

## Seminar 116: Dimensional Metrology: Measurement, Inspection and Calibration

## Seminar 216: Dimensional Metrology for the Quality Professional (Level 2)

Dimensional metrology – the science and practice of dimensional measurement – is the fundamental educational series of the Mitutoyo Institute of Metrology. The full curriculum consists of (1) free online educational material, (2) the 2-day classroom course *Dimensional Metrology: Measurement, Inspection, and Calibration*, and (3) the 1-day classroom course *Dimensional Metrology for the Quality Professional*.

Our Dimensional Metrology curriculum is intended for anyone who wishes to learn about dimensional measuring equipment and strategies for implementation. The modern curriculum gives equal treatment to all measuring equipment, from calipers to gage blocks to multi-sensor CMMs. The courses are taught from a “Measurement Planning” perspective and cover aspects of selection, application, calibration, and care of dimensional measuring systems. Principles and practice are taught with a hands-on experiential learning approach to engage the students and promote retention of the concepts.



**Prerequisites:** Students are encouraged to start with the free online resources to establish base knowledge to ensure a successful classroom experience. The Education On-Demand resources at [www.mitutoyo.com/education](http://www.mitutoyo.com/education) includes a section on *Fundamental Education Resources* which should be studied prior to attended class. The resources available through Education On-Demand are available anytime to anyone (registration required for some content). Successful completion of Seminar 116 is necessary to attend Seminar 216.

**Course Materials:** The Metrology Handbook (2<sup>nd</sup> ed.), a 280 page, full color reference book written by Nobuo Suga of the Mitutoyo Institute of Metrology, is included with these courses. Additional materials will be provided in class.

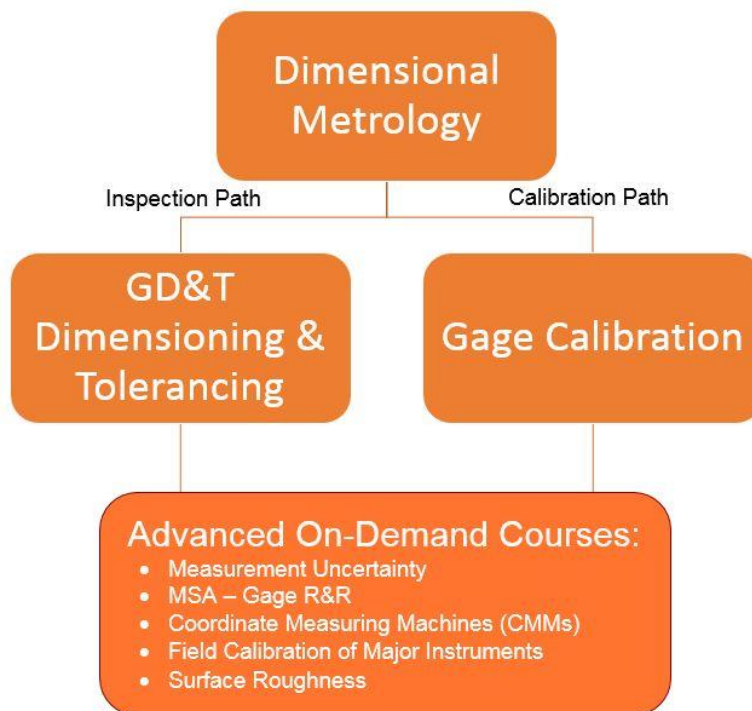
**Registration:** For questions or registration, please call the Education Department at 888-MITUTOYO (option 6) or direct at 630-723-3620. Office hours are 8:30 am to 5:00 pm Central Time. We can also be reached via email at [mim@mitutoyo.com](mailto:mim@mitutoyo.com). Purchase orders can be faxed to 630-978-6471.

**Pricing:**

Course	No. of Days	Advanced Price	Standard Price
Education On-Demand	Self-paced	Free	Free
Seminar 116: Dimensional Metrology: Measurement, Inspection, and Calibration	2	\$ 890	\$ 995
Seminar 216: Dimensional Metrology for the Quality Professional	1	\$ 530	\$ 585

- Advanced pricing applies when registration is completed more than 2 weeks prior to the class starting.
- A discount of 10% is available when registering more than two students for the same course.
- If Seminar 216 is not taken during the same week as Seminar 116, then the price for Seminar 216 increases to \$590 (Advanced) and \$650 (Standard).
- For cancellation information, please visit our website at [www.mitutoyo.com/education](http://www.mitutoyo.com/education).

**Comprehensive Curriculum:** The Mitutoyo Institute of Metrology offers a number of courses to meet the educational needs of manufacturing, quality, and measurement professionals. Our course are scheduled regularly throughout the year. The advanced courses are scheduled less frequently and are available on customer request in certain locations.



Mitutoyo and the Mitutoyo Institute of Metrology is a worldwide organization. We are proud to state that more than 200,000 engineers, technicians and managers have attended our measurement seminars over the years. If you wish to register or if you have additional questions, please contact us at 630-723-3620, 888-MITUTOYO, or email [mim@mitutoyo.com](mailto:mim@mitutoyo.com). Please visit our website for cancellation information at [www.mitutoyo.com/education](http://www.mitutoyo.com/education).