



# Precision Measurement

## Goal

The goal of this module is to provide a comprehensive look at precision measurement, the instruments used, and the ability to read and understand the measuring tools.

## Topics Covered

- Introduction
- Instrument Care and Calibration
- Precision Fixed Gages
- Reading Micrometers
- Use of Dial Instruments

## Assessment

- 2 Discussion Questions
- 1 Homework Assignment
- 1 Module Quiz

## Objectives

Learner will be able to:

- Identify precision measuring tools
- Explain proper care of measuring tools
- Examine measuring techniques with micrometers
- Compare and contrast uses of various measuring instruments

## Labs

- MTT122 lab is a co-requisite of MTT121

## Contact

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Course ID : MTT 121

Module ID : 4

Total time  
Required : 3 hours

Prerequisites: None

Tools and Materials

- Streaming Video
  - Internet Access via Browser i.e. Internet Explorer 9, Firefox, Google Chrome, Safari
  - Download video
  - Flash Drive

