



Comparison Measurement

Goal

The goal of this module is to provide an introduction to measurement and gages that machinist will use to compare dimensions and features.

Topics Covered

- Introduction
- Reading Inch and Metric rulers
- Calipers
- Squares
- Protractors
- Fixed Gages

Assessment

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

Objectives

Learner will be able to:

- Compare and contrast comparison measurement tools
- Identify the graduation measurements of a ruler
- Recognize the angular measurements of a protractor
- Explain the limitations of comparison measurement tools

Labs

- MTT122 lab is a co-requisite of MTT121

Contact

Module Author: Ladell E. Humphries

Building 400

Machine Tool Technology Department

Central Carolina Technical College

506 N. Guignard Drive

Sumter SC 29150

Email: humphriesle@cctehc.edu

Course ID : MTT 121

Module ID : 3

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

