

**Los Angeles Valley College
Course Level Student Learning Outcomes (SLO)**

Course Name and Number: Basic Manufacturing Processes II; T & M 71

Course Objectives: (List the course objectives as they appear in the course outline of record.)

Select and use various types of outside micrometers.

Evaluate and compare Vernier micrometer readings.

Compare advantages/disadvantages between Micrometers and Calipers.

Measure with Optical Comparator (O.C.) instrumentation; collect and analyze data.

Identify Geometric Dimensioning and Tolerancing (GD&T) symbols and their characteristics.

Establish 1–2 course level student learning outcomes and indicate how each SLO will be assessed.

Course Level Student Learning Outcome	Assessment Measure
While examining a variety of outside micrometers, students will be able to identify various types.	Using standard evaluation procedures, such as a written, fill-in-the-blank quiz displaying appropriate photographs of outside micrometers, the student will be able to identify instruments such as: <ul style="list-style-type: none">• Screw Thread Micrometer• Point Micrometer• Blade Micrometer• Hub Micrometer• UNI-Mike Micrometer• V-Anvil Micrometer• Indicating Micrometer• Dial Snap Meters

Provide an assessment plan/timeline:

Technology Department faculty (CSIT, Electronics, and Engineering) will meet regularly in the spring, 09, semester to revise course outlines and complete course SLO outcomes and assessment by December 2009.