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

Course Name and Number: Print Interpretation and Inspection (Blueprint II) Machine Shop CNC 124

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

Upon successful completion of Print Interpretation and Inspection (Blueprint II) 124, the student will be able to:

1. Use methods of critical thinking for the solution of problems as they relate to complex industry blueprints.
2. Read and interpret advanced technical prints.
3. Sketch cutting planes, sections, and auxiliary views.
4. Record and evaluate part tolerancing limits for the purpose of discriminating among values as they relate to quality assurance.

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

Course Level Student Learning Outcome	**Assessment Measure**
Students will interpret (read) blueprints of mechanical parts and assemblies involving notes, sections, and auxiliary views.	The department will develop a rubric to assess whether students can analyze blueprint elements such as: • Abbreviations and symbols. • Cutting planes. • Broken out views. • Revolved views. • Removed views. • Partial views.
Students will interpret (read) blueprints illustrating inspection procedures, quality control tools, and statistical process control.	The department will develop a rubric to assess whether students can analyze blueprint manufacturing elements such as: • Inspection procedures • Quality control tools. • Statistical Process Control (SPC) procedures.