

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

Course Name and Number: Directed Study; ELECTRN-185/285

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

Student presents a written one-page project proposal.

Student presents a schematic drawing for the project to be built.

Student constructs, tests, and troubleshoots a prototype of the approved project.

Student presents to the instructor a written project report detailing the construction process and final project status.

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

Course Level Student Learning Outcome	Assessment Measure
Design, devise, and develop advanced electronic circuits or systems, while producing an accompanying written project report.	Using standard test procedures, such as the evaluation of appropriate electronic circuit design, prototyping construction techniques, and technical writing competency in producing the project report, the student will demonstrate the ability to design and construct advanced electronic circuits, systems, and software interfaces.