

**Course Description****OPT1331L | Clinical Data Collection 2 Laboratory | 1.00 credit**

This is a laboratory course for OPT1331, where students are under the supervision of a licensed practitioner.

Prerequisite: OPT1330; Corequisite: OPT1331

**Course Competencies:**

**Competency 1:** The student will learn how to take/measure a blood pressure reading and analyze the systolic and diastolic pressure by:

1. Displaying the instruments
2. Defining knockoff sounds, systolic pressure, and diastolic pressure
3. Explaining the readings

**Competency 2:** The student will learn to apply the techniques, methods, and procedures used to take an interpupillary distance far and nearby by:

1. Defining what a PD is and its purpose
2. Describing and demonstrate the various instruments used to measure a PD: millimeter ruler and pupilometer
3. Demonstrating measuring a distance and near PD with a PD ruler
4. Demonstrating how to measure a monocular PD
5. Demonstrating and explaining how to record a distance and near PD

**Competency 3:** The student will learn the techniques used in determining existing basic visual skills relating to accommodation, convergence, ocular motility, and binocularity by:

1. Describing the ocular muscles, fixation, alignment of the eyes, accommodation, and convergence
2. Demonstrating and describing dominance, NPC, saccades, pursuit rotations, cover test, and PD

**Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills