

OPT 1331L CLINICAL DATA COLLECTION 2 LABORATORY

Course Description

Collecting data during an eye exam is essential for maintaining patient records and providing the proper eyecare. The course teaches the techniques necessary in a clinical environment for the collection of patient case history, entrance visual acuity, visual skills of ocular motility and accommodation, color discrimination, depth perception and binocular fusion. Emphasis is also placed on gaining familiarity with medical terminology as it relates to the visual system. Students will be taught legal, ethical and professional behaviors while serving as a health care provider.

Course Competency	Learning Outcomes
Competency 1: The student will learn how to take/measure a blood pressure reading and analyze the systolic and diastolic pressure by:	Communication
<ol style="list-style-type: none"> 1. displaying the instruments. 2. defining the terms Korotkoff 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 for far and near by:	Communication
<ol style="list-style-type: none"> 1. defining what a PD is and the purpose of it. 2. describing and/or demonstrating the various instruments to measure a PD: millimeter ruler, pupilometer. 3. demonstrate how to measure 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:	Communication

- | | |
|---|--|
| <ol style="list-style-type: none">1. describing the ocular muscles, fixation, and alignment of the eyes, accommodation and convergence.2. demonstrating and describing dominance, NPC, saccades, pursuit's rotations, cover test and Pd. | |
|---|--|

Updated: FALL TERM 2023