

Course Description

OPT2506L | Contact Lens Laboratory | 1.00 credit

Practical procedures designed to apply technical skills of contact lens insertion and removal, verification of the contact lens prescription, and other skills discussed in previous lecture course work.

Course Competencies

Competency 1: The student will demonstrate knowledge and comprehension of Contact lens manufacture by:

1. Reviewing the various methods of manufacturing contact lenses. Lathe cut and spin cast methods
2. Using lasers

Learning Outcomes

- Formulate strategies to locate, evaluate, and apply information

Competency 2: The student will demonstrate knowledge and comprehension of office evaluation and verification of soft lens by:

1. Using the various instruments necessary to measure the base curve, diameter, and power
2. Learning to use the monocular magnifier to measure the diameter and the lensometer to measure the power of a soft lens

Learning Outcomes

- Formulate strategies to locate, evaluate, and apply information

Competency 3: The student will demonstrate knowledge and comprehension of handling of soft lenses: Insertion, removal, and wearing by:

1. Learning insertion and removal techniques and practices on themselves and their fellow students
2. Learning how to tell if a lens is inside out or right side out by performing the taco test, and observing if the lens looks like a cup or a saucer
3. Instructing their patient in these procedures

Learning Outcomes

- Formulate strategies to locate, evaluate, and apply information