



### **Course Description**

#### **OPT 2506L | Contact Lens Laboratory | 1 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 himself and his 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 his patient in these procedures.

#### **Learning Outcomes**

- Formulate strategies to locate, evaluate, and apply information.