

Course Description

OPT 2506 | Contact Lenses II | 2 credits

This course is a continuation of OPT 2505 and provides a more detailed instructional experience which will allow the student to become more familiar with the many phases of contact lens design, care and fitting. This course consists of a two (2) hour lecture each week for twelve (12) weeks. The focus of this course is in the fitting of specialty contact lenses, the different contact lens modalities, and the care and handling of the different types of lenses.

Course Competencies

Competency 1:

The student will demonstrate knowledge and comprehension of correction of astigmatism with contact lenses by:

- i. Becoming familiar with the types of astigmatism
- ii. Understanding the limits of astigmatic correction with spherical contact lenses.
- iii. Learning the methods and limits of fitting soft toric lenses.

Learning Outcomes

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

Competency 2:

The student will demonstrate knowledge and comprehension of correction of presbyopia with contact lenses by:

- i. Determining who should be fit with a presbyopic correction.
- ii. Learning how to fit monovision contact lenses.
- iii. Learning how to fit bifocal contact lenses.

Learning Outcomes

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

Competency 3:

The student will demonstrate knowledge and comprehension of Keratoconus by:

- i. Learn how to detect early keratoconus.
- ii. Reviewing the suspected etiology of keratoconus.
- iii. Learning how to correct keratoconus with contact lenses.

Learning Outcomes

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