

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: OPT 153

Credits: 3

Course Title: Optical Laboratory Clinical II

Course Description: Provides the clinical component of OPT 151. Presents students with an opportunity to learn clinical skills for optical laboratory tasks at the advanced level under the direction and supervision of a preceptor. Emphasizes accuracy and the attainment of skills that meet acceptable professional standards. Prerequisites: OPT 150 and OPT 152 or equivalent. Co-requisite: OPT 151. Laboratory 6 hours per week.

General Course Purpose: This course is designed to provide students with the practical, hands-on applications of an optical laboratory to enable them to function as effective opticians.

Course Prerequisites and Co-requisites:

Prerequisites: OPT 150 and OPT 152 or equivalent

Co-requisite: OPT 151

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Perform calculations for multifocal and progressive lenses for finish layout;
- b. Fabricate and verify multifocal and progressive lenses in full, semi