



# EFFECTIVE: SEPTEMBER 2004

## CURRICULUM GUIDELINES

A. Division: **HEALTH SCIENCES'** Effective Date **January 26, 2001**

B. Department / **DISPENSING OPTICIAN** Revision ☒ New Course ☐  
 Program Area: **PROGRAM**

If Revision, Section(s) **G, E**  
 Revised:  
 Date of Previous Revision: **March 3, 1997**  
 Date of Current Revision: **January 26, 2001**

C: **DOPT 2610** D: **CONTACT LENS PRECEPTORSHIP** E: **4**

Subject & Course No.	Descriptive Title	Semester Credits
<b>F:</b> Calendar Description: This course provides learning opportunities for students in the Contact Lens section of the Dispensing Optician Program to consolidate knowledge and skills gained in all of the second year courses. Students will complete their contact lens and dispensing skills under direct supervision of an Optician/Contact Lens Fitter, or Optometrist, or Ophthalmologist and program instructor. Students will be expected to carry the workload of a beginning Contact Lens Fitter at the conclusion of the course.		
<b>G:</b> Allocation of Contact Hours to Type of Instruction / Learning Settings  Primary Methods of Instructional Delivery and/or Learning Settings:  <b>Field Experience</b>  Number of Contact Hours: (per week / semester for each descriptor)  <b>Field Experience 140 hrs.</b>  Number of Weeks per Semester: <b>4</b>	<b>H:</b> Course Prerequisites:  <b>DOPT 2500 + DOPT 2510 + DOPT 2512</b>	
	<b>I:</b> Course Corequisites:	
	<b>J:</b> Course for which this Course is a Prerequisite	
	<b>K:</b> Maximum Class Size:  <b>35</b>	
<b>L:</b> PLEASE INDICATE: <div style="display: flex; align-items: center;"> <input type="checkbox"/> Non-Credit  <input checked="" type="checkbox"/> College Credit Non-Transfer  <input type="checkbox"/> College Credit Transfer:         </div> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (<a href="http://www.bccat.bc.ca">www.bccat.bc.ca</a>)</p>		

**M: Course Objectives / Learning Outcomes**

Upon successful completion the student will be able to:

**1. Apply Theory and Skills From All Second Year Courses in the Following Activities.**

- 1.1 Perform patient history interview for determination of contact lens suitability.
- 1.2 Perform evaluation of normal and abnormal conditions of ocular tissues by instrumentation for contact lens pre-fit consideration.
- 1.3 Perform and evaluate Schirmer Tear Test, T.B.U.T. Test, and Visual Acuity Test for contact lens proficiency.
- 1.4 Perform rigid contact lens fittings with monocurve, multicurve, aspheric, toric, and specialty lens designs.
- 1.5 Perform soft contact lens fittings with aspheric, lathe cut, molded, toric, and specialty lens designs.
- 1.6 Order contact lenses for patient suitability, ocular integrity, parameter design, and visual acuity.
- 1.7 Perform evaluation of normal and abnormal conditions of ocular tissues by instrumentation for contact lens post-fit contraindications.
- 1.8 Execute a slit lamp biomicroscope examination to identify and resolve physical findings.
- 1.9 Execute a keratometry examination to identify and resolve corneal curvature changes.
- 1.10 Perform patient training with contact lens insertion and removal techniques.
- 1.11 Perform patient training for contact lens hygiene.
- 1.12 Perform patient training for contact lens disinfection and cleaning procedures.
- 1.13 Discuss knowledgeably with the patient, surgical alternatives to contact lens wear.
- 1.14 Communicate effectively and professionally with patients and staff within the clinical practice.
- 1.15 Perform appropriate interpersonal skills when handling customer complaints.

**N: Course Content:**

**1. Introduction**

- assignment to contact lens preceptor
- preceptorship policies and objectives
- Bylaws of the College of Opticians Of British Columbia
- orientation with supervising Contact Lens Fitter

**2. Contact Lens Practice Management**

- effective and professional patient communication
- dispensing and contact lens price schedules
- effective and regulative patient record keeping
- resolving patient problems
- doctor / patient follow-up care

N:

**3. Application of Theory and Skills****3.1 Contact Lens Fitting Procedures**

- ocular evaluation by keratometer and slit lamp biomicroscope examination
- recording normal and abnormal conditions of ocular tissue
- tear test performance and evaluation
- refracted error considerations
- trial lens considerations and fitting designs
- identifying and resolving physical fitting outcomes by keratometer and slit lamp biomicroscope examination
- over refraction of contact lenses for visual acuity

**3.2 Contact Lens Design Configuration and Ordering**

- implemented fitting philosophy
- hard and gas permeable lens configurations
- soft lens configurations
- specialty lens configurations
- determination of lens parameters
- material requirements
- manufacturing requirements
- lens verification

**3.3 Contact Lens Dispensing Procedures**

- personal hygiene
- insertion and removal training
- lens movement and centration training
- lens solution requirements
- lens disinfection and cleaning training
- patient education of lens and solution sensitivities

**3.4 Contact Lens Follow-Up Evaluation**

- keratometry of post lens fitting
- slit lamp biomicroscope examination of ocular tissues
- slit lamp biomicroscope evaluation of post lens fitting
- corneal staining evaluation
- contact lens over-refraction for visual acuity
- solution compatibility
- patient lifestyle compatibility
- resolving ocular problems
- resolving lens fitting complications

**3.5 Contraindications To Contact Lens Wear**

- allergic ocular contraindications
- systemic contraindications
- surgical alternatives
- ophthalmology referrals

**O:** Methods of Instruction

Students will work a 35-hour week in the clinical practice setting over an 8 week period, under supervision of an instructor and under the direct supervision of a registered Contact Lens Fitter, who will act as a preceptor. The student will participate as a team member of the staff in the clinical setting, providing service to patients regarding contact lens preparation and dispensing.

**P:** Textbooks and Materials to be Purchased by Students

**Douglas College Courseware: Contact Lens Practice Manual**

**Q:** Means of Assessment

This is a **MASTERY** course. Evaluation of the course will be based on the course objectives and be consistent with college policies on course evaluation.

Students will receive detailed outlines of performance expectations at the beginning of the course.

Evaluation for mastery will include the following components:

1. Satisfactory performance of objectives as assessed by the course instructor.
2. Satisfactory performance of objectives as assessed by the course preceptor.
3. Student participation in evaluation of own performance.

Evaluation records will be completed by the course instructor following consultation with the preceptor and the student

**R:** Prior Learning Assessment and Recognition: specify whether course is open for PLAR

Yes

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 Course Designer(s)

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 Education Council / Curriculum Committee Representative

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 Dean / Director

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 Registrar