Douglas College

EFFECTIVE: MAY 2010
CURRICULUM GUIDELINES

A.	Division:	**EDUCATION**	Effective Date		**May 2010**
B.	Department / Program Area:	**HEALTH SCIENCES/ DISPENSING OPTICIAN**	Revision	**X**	New Course
			If Revision, Section(s) Revised:		**C, D, F, G, H, M, N, O**
			Date of Previous Revision:		**January 2008**
			Date of Current Revision:		**June 2009**

C:	**D:**	**E:**
DOPT 2311	**CLINICAL IN CONTACT LENSES AND OPTICAL TECHNOLOGIES III**	**4**
Subject & Course No.	Descriptive Title	Semester Credits

F: Calendar Description:

This course provides learning opportunities for students to consolidate knowledge and skills gained in all of the second year courses. Students will complete their skills in contact lenses, eyeglasses, and automated sight-testing under direct supervision of an Optician/Contact Lens Fitter, or Optometrist, or Ophthalmologist as a program-approved preceptor. Students will be expected to carry the workload of a beginning Contact Lens Fitter by the conclusion of the course.

G: Allocation of Contact Hours to Type of Instruction / Learning Settings

Primary Methods of Instructional Delivery and/or Learning Settings:

Lecture / Distance / Clinical Experience

Number of Contact Hours: (per week / semester for each descriptor)

Lecture / Distance / Clinical Experience **140 hrs.**

Number of Weeks per Semester:

4

H: Course Prerequisites:

DOPT 2201 and DOPT 2211

I: Course Corequisites:

None

J: Course for which this Course is a Prerequisite:

None

K: Maximum Class Size:

25

L: PLEASE INDICATE:

- [ ] Non-Credit
- [X] College Credit Non-Transfer
- [ ] College Credit Transfer:

SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bctransferguide.ca)

M: Course Objectives / Learning Outcomes:

Upon successful completion the student will be able to:

1. Perform complete soft and gas permeable initial and follow up contact lens fitting appointments
2. Perform patient file maintenance on new and previous eyeglass and contact lens patients
3. Order appropriate eyewear products for eyeglass and contact lens patients
4. Apply boutique eyeglass and contact lens dispensing strategies when appropriate
5. Troubleshoot eyeglass and contact lens patients' issues
6. Train and educate patients on eyeglass and contact lens care
7. Communicate effectively and professionally with patients and staff within the clinical practice
8. Perform appropriate interpersonal skills when handling customer complaints

N: Course Content:

1. Introduction

- **a.** Assignment to contact lens preceptor
- **b.** Preceptorship policies and objectives
- **c.** College of Opticians Of British Columbia – Review of the Standards of Practice
- **d.** Orientation with supervising Contact Lens Fitter

2. Contact Lens Practice Management

- **a.** Effective and professional patient communication
- **b.** Dispensing and contact lens price schedules
- **c.** Effective and regulative patient record keeping
- **d.** Resolving patient problems
- **e.** Doctor / patient follow-up care

3. Application of Theory and Skills

a. Contact Lens Fitting Procedures

- Pre-fit ocular assessment by keratometer and slit lamp biomicroscope examination
- Recording normal and abnormal conditions of ocular tissue
- Tear performance test and evaluation
- Refractive error considerations
- Trial lens considerations and fitting designs
- Identifying and resolving physical fitting outcomes by keratometer and slit lamp biomicroscope examination
- Over-refraction

b. Contact Lens Design Configuration and Ordering

- Implemented fitting philosophy
- Soft and Gas Permeable Lens Design
- Specialty lens configurations
- Determination of lens parameters
- Material requirements
- Manufacturing requirements
- Lens parameter verification

c. Contact Lens Dispensing Procedures

- Personal hygiene
- Insertion and removal training
- Lens movement, centration, and comfort
- Lens solution requirements
- Lens care training
- Patient education

d. Contact Lens Post- Fit Follow-Up Evaluation
- Keratometry
- Slit lamp biomicroscope examination of ocular tissues
- Slit lamp biomicroscope evaluation of lens fit
- Corneal staining evaluation
- Over-refraction for visual acuity
- Solution compatibility
- Patient lifestyle compatibility
- Resolving ocular problems
- Resolving lens fitting complications

e. Contraindications To Contact Lens Wear
- Troubleshooting Allergies
- Systemic contraindications
- Referral for further treatment

O: Methods of Instruction:

1. Lectures
2. Independent study of courseware
3. Independent completion of online self-assessment quizzes
4. Completion of field assignments
5. Participation in online Discussion Forums

P: Textbooks and Materials to be Purchased by Students:

A list of required and optional textbooks and materials is provided for students at the beginning of each semester.

Q: Means of Assessment:

The course evaluation is consistent with Douglas College evaluation policy. An evaluation schedule is presented at the beginning of the course.

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

Yes

Course Designer(s)

Education Council / Curriculum Committee Representative

Dean / Director: Dr. Mike Tarko

Acting Registrar: Brenda Walton