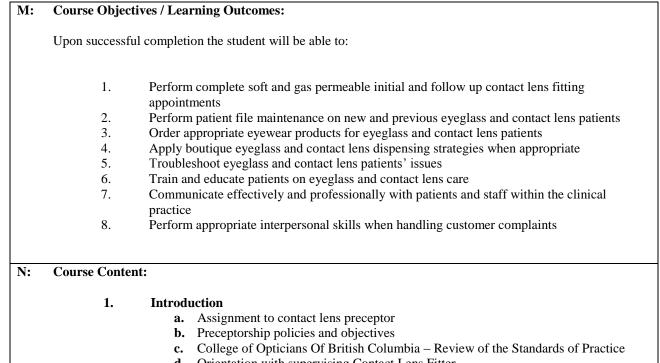


# **EFFECTIVE: MAY 2010** CURRICULUM GUIDELINES

| A.         | Division:   | EDUCATION   | E      | ffective Date   |        | May 2010   |  |
|------------|---|---|--------|---|--------|--|--|
| B.         | Department /<br>Program Area:   | HEALTH SCIENCES/<br>DISPENSING OPTICIAN   |        | evision   | X      | New Course   |  |
|            |   |   | R<br>D | Revision, Section(s)<br>evised:<br>ate of Previous Revision<br>ate of Current Revision:   |        | C, D, F, G, H, M, N,<br>O<br>January 2008<br>June 2009 |  |
| C:         | DOPT 2311   | D: CLINICAL IN CONTACT LENSES AND E: 4<br>OPTICAL TECHNOLOGIES III  |        |   |        |  |  |
|            | Subject & Cour  | rse No. Descript  | tive T | itle  | Sem    | nester Credits   |  |
| <b>F</b> : | Calendar Description:<br>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:         | <ul> <li>/ Learning Settin</li> <li>Primary Method</li> <li>Learning Setting</li> <li>Lecture / Distan</li> <li>Clinical Experimental</li> <li>Number of Contr</li> <li>for each descripted</li> <li>Lecture / Distan</li> <li>Clinical Experimental</li> </ul>   | ds of Instructional Delivery and/or<br>ags:<br>ance /<br>ience<br>tact Hours: (per week / semester<br>otor)<br>ance / |        | 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:         | College Cr  |   | ETAII  | .S (www.bctransferguid  | le.ca) |  |  |



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

|    | <ul> <li>d. Contact Lens Post- Fit Follow-Up Evaluation <ul> <li>Keratometry</li> <li>Slit lamp biomicroscope examination of ocular tissues</li> <li>Slit lamp biomicroscope evaluation of lens fit</li> <li>Corneal staining evaluation</li> <li>Over-refraction for visual acuity</li> <li>Solution compatibility</li> <li>Patient lifestyle compatibility</li> <li>Resolving ocular problems</li> <li>Resolving lens fitting complications</li> </ul> </li> <li>e. Contraindications To Contact Lens Wear <ul> <li>Troubleshooting Allergies</li> <li>Systemic contraindications</li> <li>Referral for further treatment</li> </ul> </li> </ul> |  |  |  |  |  |
|----|--|--|--|--|--|--|
| 0: | Methods of Instruction:  |  |  |  |  |  |
|    | <ol> <li>Lectures</li> <li>Independent study of courseware</li> <li>Independent completion of online self-assessment quizzes</li> <li>Completion of field assignments</li> <li>Participation in online Discussion Forums</li> </ol>  |  |  |  |  |  |
| 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

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