



**M:** Course Objectives / Learning Outcomes:

Upon successful completion, the student will be able to:

1. Demonstrate competency with the use of instruments for contact lens fitting, lens analysis, refractive error
2. Collect, record, and interpret data and patient health information through a routine contact lens fitting and refractive error determination
3. Gain knowledge of contact lens materials by manufacturer, label name, material composition, water content, power range and recommended patient fitting procedure and wearing schedule
4. Recall knowledge of contact lens cold disinfection systems, lens storage solutions, surfactant clean solutions, enzyme cleaners, rewetting agents, and medicated pharmaceutical agents
5. Describe the physical cleaning and disinfection of contact lenses
6. Recall knowledge of contact lens solutions by manufacturer, brand name, chemical ingredients, and recommended usage.
7. Describe the steps in the refraction process and use the equipment necessary to produce the patient's refractive error assessment.
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| <p>6. Professional Relationship with the Patient</p> <ol style="list-style-type: none"> <li>a. Communication and patient interaction</li> <li>b. New Fit Routine</li> <li>c. Follow-up Routine</li> </ol>  |
| <p><b>O:</b> Methods of Instruction</p> <ol style="list-style-type: none"> <li>1. Lectures</li> <li>2. Independent study of courseware</li> <li>3. Independent completion of online self-assessment quizzes</li> <li>4. Completion of field assignments</li> <li>5. Participation in online Discussion Forums</li> </ol> |
| <p><b>P:</b> Textbooks and Materials to be Purchased by Students</p> <p>A list of required and optional textbooks and materials is provided for students at the beginning of each semester.</p>  |
| <p><b>Q:</b> Means of Assessment</p> <p>The course evaluation is consistent with Douglas College evaluation policy. An evaluation schedule is presented at the beginning of the course.</p>  |
| <p><b>R:</b> Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>Yes.</p>  |

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Course Designer(s) OPT Faculty

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Education Council / Curriculum Committee Representative

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Dean / Director Dr. Thor Borgford

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Registrar