



**EFFECTIVE: SEPTEMBER 2004**  
**CURRICULUM GUIDELINES**

A. Division: **HEALTH SCIENCES** Effective Date: **September 2004**

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

If Revision, Section(s) Revised: **C, I, J**

Date of Previous Revision: **May 23, 2002**

Date of Current Revision: **September 2004**

**C: DOPT 1112 D: DISPENSING OPTICIAN LAB SKILLS I E: 5**

Subject & Ces

for safety. The ability to calibrate and maintain the equipment and tools associated with the edging and finishing laboratory. It provides the student with skills to insert lenses into various frame materials, and mount len2 Tm(se)Tj10.02 0 00u.380e9I(ri)Tj10.02 0 0 c5.50211 440.0012 T

**M:** Course Objectives / Learning Outcomes

Upon successful completion, the student will be able to:

- spot check lenses for surface quality
- verify the power of a single vision lens with the lensometer
- mark the optical centre and major reference point of a single vision lens
- calculate horizontal and vertical lens centration
- calculate lens blank size requirements
- perform the function of lens pattern calculation and formation
- perform the process of lens edging
- perform modifications of lens shapes by hand edging
- edge polish lenses
- perform lens insertion and mounting with various frame designs and materials
- calibrate the following instruments

**5. Blocking of Lenses**

- the lens protractor
- marking a single vision lens
- double checking lens blank size
- pupil distances and accuracy
- blocking systems and their relationship to lens materials
- deblocking lenses

**O:** Methods of Instruction

1. Laboratory Lectures
2. Application / Calculation exercises in Laboratory
3. Independent Study of Courseware
4. Completion of Proficiency Tests
5. Completion of Laboratory Assignments

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

Brooks - **Essentials for Ophthalmic Lens Work**, (Latest Edition) New York. Fairchild

Brooks - **System for Ophthalmic Dispensing**, (Latest Edition) Woburn. MA

**Q:** Means of Assessment

|    |                                      |     |
|----|--------------------------------------|-----|
| 1. | Completion of Proficiency Tests      | 20% |
| 2. | Completion of Laboratory Assignments | 20% |
| 3. | Midterm Exam                         | 20% |
| 4. | Practical midterm                    | 20% |
| 5. | Final Exam                           | 20% |

Midterm and Final Exams will be Written and Practical

**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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