C

N: Course Content

1. Introduction
-course content and requirements
-orientation of the equipment and tools
-an overview of the edging process
-introduction to industry standard charts
-safety procedures in the laboratory

2. Spotting of Lenses
-checking for optimal surface quality
-use of the lensometer
-power verification of single vision lenses
-optical centre versus major reference point
-single vision lenses with prism

3. Frames
-frame parts, types & materials
-frame measurements & markings
-frame selection
-frame alignment & adjustment
-frame repairs
-specialized frames
-lens insertion
-frame maintenance & cleaning

4 Centration of Single Vision Lenses
-the mechanics of lens centration
-horizontal and vertical centration
-the boxing system
-calculating lens blank sizes
-industry standards formulas

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 Ophalmic 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 examinations will be written and practical.

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

Yes

Course Designer(s)

Education Council/Curriculum Committee Representative

Dean/Director

Registrar