

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

A.	Division:	HEALTH SCIENCES	Effective Date:		September 2004
В.	Department / Program Area:	DISPENSING OPTICIAN PROGRAM	Revision	Х	New Course
	-		If Revision, Section(s) Revised:		С, <b>H</b> , <b>I</b> , J
			Date of Previous Revision Date of Current Revision		April 10, 2003 September 2004
C:	DOPT 1212	D: DISPENSING	OPTICIAN e		

## s the skills to identify and tint plastic lenses and customize a frame to suit the

pa <b>t</b> ients	need
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	Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings:		DOPT 1100 + DOPT 1112
	Laboratory	I:	Course Corequisites:
			DOPT 1200 + DOPT 1210
	Number of Contact Hours: (per week / semester for each descriptor)		Course for which this Course is a Prerequisite
	Laboratory 150 hrs		DOPT 1310
		K:	Maximum Class Size:
	Number of Weeks per Semester: 15		14
L:	.: PLEASE INDICATE:		
	Non-Credit		
	Non-Credit   X College Credit Non-Transfer		

<b>M</b> :	Course Objectives / Learning Outcomes			
	Upon successful completion, the student will be able to:			
	1. Apply knowledge of lens surfacing to dispensing and edging skills			
	2.	Describe the lens surfacing procedure		
	3.	Verify the powers of multifocal and progressive lenses		
	4.	Calculate vertical and horizontal centration of multifocal and progressive lenses		
	5.	Block and edge multifocal and progressive lenses		
	6.	Choose and fit frames appropriately for multifocal wear		
	7.	Identify and tint various plastic lens materials		
	8.	Customize frame designs for patient needs		
	9.	Repair various plastic frame materials		
	10.	Perform repairs to broken frame hinges, screws and pins		
	11.	Repair metal frames by soldering		
 N:				
19.	Course Content			

	8.	Soldering		
		-electric verses gas soldering		
		-flux, solder and melting temperat	ures	
		-developing the right materials		
		-cooling, cleaning and polishing		
	9.	Frame Customization and Repairing		
		9.1 Customizing		
		-frame materials acceptab	ble to alteration	
		-changing lens shapes		
		-altering bridge designs		
		-altering temple length		
		-changing temple design		
		-enanging temple design		
		9.2 Repairing		
		-frame materials acceptab	ble to repair	
		-screws and pins	to the first second secon	
		-hinges and plaques		
		-rimless mountings		
		-bonding plastics compo	unde	
		-bonding plastics compor	liids	
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0:	Methods of Inst	ruction		
	1.	Laboratory Lecture		
	2.	Application / Calculation exercises in Labo	ratory	
	2. 3.	Independent Study of Courseware	Tatory	
	5. 4.	Completion of Proficiency Tests		
	4. 5.			
	5.	Completion of Laboratory Assignments		
<b>P:</b>	Textbooks and I	Materials to be Purchased by Students		
	Droolea Eggan	iala fan Onbthalmia I ang Wark. (I atast Ed	tion) Now York Estabild	
	BIOOKS - ESSER	ials for Ophthalmic Lens Work, (Latest Ed	nuon) New Tork, Fairchind	
	Dougla	as College Courseware		
Q:	Means of Asses	sment		
	1	Completion of Proficiency Tests	20%	
	1.	Completion of Proficiency Tests		
	2.	Completion of Laboratory Assignments	20%	
	3.	Midterm Exams	20%	
	4.	Practical Exam	20%	
	5.	Final Exam	20%	
	N. 1	m and Einel Evone will be Weitten and David	aal	
	Midter	m and Final Exams will be Written and Practi	cal	

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**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

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