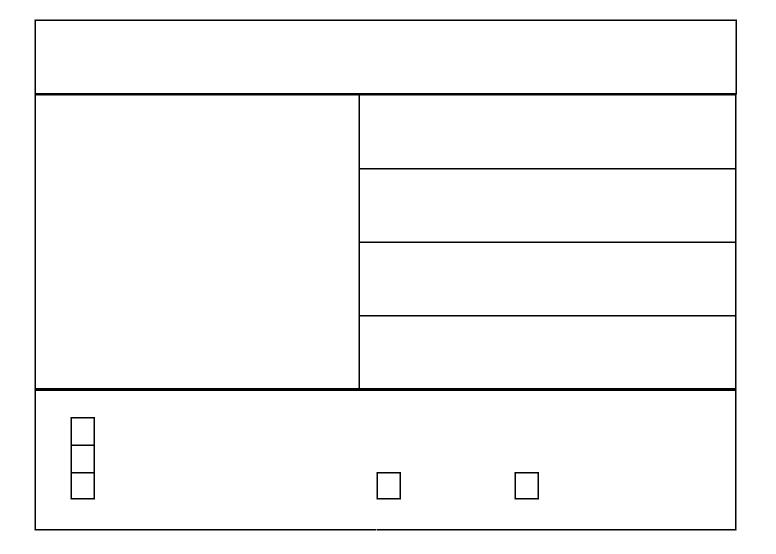


EFFEC



DOPT 212 Dispensing Optician Lab Skills II

M:	Course Objective	es/Learning Outcomes
		accessful completion, the student will be able to:-
	1.	Apply knowledge of lens surfacing to dispensing and edging skills
	2.	Perform lens surfacing
	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.	Identify and tint various plastic lens materials
	7.	Customize frame designs for patient needs
	8.	Repair various plastic frame materials
	9.	Perform repairs to broken frame hinges, screws and pins
	10.	Repair metal frames by soldering
N:	Course Content	
	1.	Introduction
		-course content and requirements
		-orientation to surfacing equipment
		-an overview of the surfacing process
		-industry standard charts for surfacing
		-safety procedures in the surfacing laboratory
	2.	Surfacing
		2.1 Analysis of Opticians Order
		-validation of completed prescription
		-prism for optical centering
		2.2 Computing
		-entering information
		-blank size requirements
		-determining lens material
		-determining index of refraction
		2.3 Lay-Out
		-interpreting computer grinding and lay-out instructions
		-laps for fining and polishing
		-axis of prisms
		-grinding base curve
		-cross curves
		-front curves
		-lens thickness
		-tool selection
		-elliptical factors

DOPT 212 Dispe

DOPT 212	Dispensing Optician Lab Skills II	
----------	-----------------------------------	--

 Completion of Laboratory Assignments Midterm Exams Practical Exam 	20% 20%
	20%
1 Dractical Exam	
4. I factical Exam	20%
5. Final Exam	20%
Prior Learning Assessment and Recognition: specify whether co	r · ·
Yes	

Course DesMea

© Douglas College. All Rights Reserved.