

**MIAMI DADE COUNTY PUBLIC SCHOOLS
VISION CARE ASSISTING 4 MATRIX**

Course Title: Vision Care Assisting 4
Course Number: 8417232

Course Description:

This course is the second of two courses that prepare students to be Vision Care Assistants. Content includes, but is not limited to, creation and completion of eyewear, frame selection techniques, frame adjustment and alignment, patient needs in relation to eyewear, compiling a patient case history as well as assisting in eye disorder testing.

Career and Technical Student Organization (CTSO)

Health Occupations Students of America, Inc. (HOSA) is the appropriate career and technical student organization for providing leadership training and reinforcing specific career and technical skills.

Thematic Unit #	STANDARD/ PERFORMANCE OUTCOME	BENCHMARK The students will be able to:	NGSSS-SCI	FS-M/LA	DELIVERY/ TIME TO COMPLETE UNIT	DATE
	35.0 Demonstrate knowledge of frame adjustment and alignment	35.01 Identify frame parts and materials. 35.02 Demonstrate knowledge of frame measurement. 35.03 Demonstrate pupillary distance measurement. 35.04 Demonstrate frame selection considering customer and frame characteristics. 35.05 Select correct frame and bridge size. 35.06 Verify prescription information. 35.07 Perform frame adjustment and alignment. 35.08 Perform frame repairs. 35.09 Identify occupational eyewear and special purpose frames.	 SC.912.N.1.1 SC.912.N.1.1 SC.912.N.1.1	 MAFS.912.N-Q.1.3 MAFS.912.N-Q.1.3	8 Weeks	
	36.0 Demonstrate and perform basic skills relating to lenses	36.01 Use a manual lensometer. 36.02 Find the optical center of a sphere and a spherocylindrical lens in a manual lensometer. 36.03 Convert a lens according to the principals of toric transposition. 36.04 Duplicate a pair of prescription eyeglasses. 36.05 Calculate lens size. 36.06 Calculate decentration. 36.07 Perform special mountings-drill and groove procedures. 36.08 Demonstrate knowledge of lens tinting. 36.09 Check finished product against ANSI standards.	 MAFS.912.N-Q.1.3 MAFS.912.N-Q.1.3 MAFS.912.A-SSE.1.1 MAFS.912.N-Q.1.3 MAFS.912.A-SSE.1.1		9 Weeks	

	<p>37.0 Edge, tint and inspect a pair of glass or plastic lenses and insert into a frame</p>	<p>37.01 37.02 37.03 37.04 37.05 37.06 37.07</p>	<p>Spot the optical center on any given axis in a pair of single vision, bifocal, or progressive lenses. Decenter and block any given lens avoiding unwanted prism. Edge any single vision or multifocal lens to mount in a plastic, metal, semi-rimless and rimless frame. Apply a safety bevel. Tint and coat various lenses. Insert lens into a frame. Inspect completed spectacles to meet ANSI Standards.</p>		<p>MAFS.912.N-Q.1.3</p>	<p>9 Weeks</p>	
	<p>38.0 Dispense optical supplies</p>	<p>38.01 38.02 38.03 38.04 38.05 38.06 38.07 38.08 38.09 38.10 38.11</p>	<p>Select frames according to prescription suitability, color, style and size. Fill out Rx card completely and correctly. Take proper patient measurements. Dispense eyewear. Adjust frames to patient's face using standard alignment. Manage frame-boards. Dispense contact lenses. Describe types and care systems for contact lenses. Demonstrate insertion and removal techniques of contact lenses. Use keratometer. Demonstrate knowledge of frame repair.</p> <p>Clinical Rotation @ Miami Dade College Medical Campus-Vision Care Technology Program</p>	<p>MAFS.912.N-Q.1.3 LAFS.1112.SL.2.6 MAFS.912.N-Q.1.3</p>	<p>SC.912.N.1.1</p>	<p>10 Weeks</p>	