

EMPLOYABILITY PROFILE

East Vision Care
 1801 East Main St. Rochester, NY 14609 (585)-288-3130



SCHOLAR NAME:

Date

N/A ----Not Applicable / No Exposure					
1-----Does Not Meet Standards					
2-----Needs Improvement					
3-----Meets Standards					
4-----Exceeds Standards					
STANDARD	4	3	2	1	NA

Vision Care					
STANDARD	4	3	2	1	NA

CAREER READINESS					
Ability to Make Decisions					
Ability to Observe Critically					
Ability to use Math in the Workplace					
Ability to Work in a Team					
Accountability					
Adherence to all Health & Safety Rules					
Appropriate Workplace Appearance					
Attendance and Punctuality					
Effective Communication Skills					
Effective Problem Solving Skills					
Ethical Decision Making					
Initiative /Leadership					
Productivity					
Planning & Organization					
Quality of Work					
Reads with Understanding					
Research Proficiency					
Response to Constructive Criticism/ Feedback					

CUSTOMER SERVICE SKILLS					
Demonstrate appropriate use of digital communication					
Modify communication to meet the needs of the patient					
Documentation reflects timeliness, completeness, & accuracy					
Demonstrates respectful and empathetic treatment of all patients					
Performs multiple tasks simultaneously with accuracy and thoroughness					
LEGAL & ETHICAL RESPONSIBILITY					
Properly follows patient identification process					
Demonstrates informed consent					
Maintains patient confidentiality (HIPAA)					
MEASUREMENT & MATHEMATICS					
Accurately measure DPD on a patient manually					
Accurately measure DPD on a patient using a digital pupillometer					
Accurately measure monocular pupillary distance using a manual PD stick					
Accurately measure monocular pupillary distance using a digital pupillometer					
Accurately measure seg heights for bifocals					
Accurately measure seg heights for progressives					

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VISION ANATOMY & PHYSIOLOGY						GENERAL SKILLS															
Uses common (vision care) medical terminology											Reading a optical prescription and understanding the written components										
Identify the basic ocular structures of the eye											Identify the visual needs of the patient based on prescription										
Explain the visual functions of the basic structures of the eye											Demonstrate the ability to assist a recipient in frame selection using face shape recognition										
Identify and explain common vision refractive errors include myopia (near-sightedness), hyperopia (farsightedness), astigmatism (distorted vision at all distances), and presbyopia (loss of ability to focus up close)											Explain, describe and demonstrate the process for finishing a pair of eye glasses: layout, blocking, edging, hand edging, assembly and inspection										
Identify and explain other age vision problems; related macular degeneration, glaucoma, cataracts and diabetic retinopathy											Identify the basic parts of a frame and temple types as well as the various materials used to make frames										
											Identify, explain and demonstrate optical hand tools used to adjust and repair eye wear										
LAB SAFETY PRACTICES						LAB MAINTENANCE															
Implements infection control and safety practices											Demonstrate proper maintenance of all laboratory equipment										
Complies with all safety/regulatory requirements per chemical safety program											Ensure supplies are stored appropriately										
Recognizes and understands MSDS and NFPA hazard rating											Cleaning and organizing tools										
Complies with government mandated safety practices											Cleaning and organize work stations										
Demonstrates safe work practices including the wearing of PPE while in the lab.																					

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LENSOMETRY						BLOCKING															
Name and identify the parts and use of the lensometer						Understands the blocker and components of the blocking system															
Calibrate the lensometer- zeroing the prism before use						Utilizes the lens clock to determine the base curve of lenses															
Power drum reading- understanding the lensometer numbering system						Determining and measuring FPD, A, B, DBL, ED and temple lengths															
Determine the power of a spherical lens						Mathematically calculate decentration for frame															
Marking the optical center of a lens and setting the axis to fit the patients prescription						Identification of types of blocks available for blocking and the corresponding base curves for blocks															
Neutralize finished lenses, checking axis and power to patient prescription						Block a single vision lens at a calculated horizontal decentration															
Dotting finished lenses, measuring DBC and ensuring match to patients PD						Block a bifocal lens to match horizontal and vertical decentration															
Perform maintenance and upkeep of lensometer						Block a progressive lens to match horizontal and vertical decentration															
Progressive lens marking: Locate and identify etch and add power marks; Use lens markings to locate: fitting point, distance, and reading power locations						Verification of correct decentration - checking to ensure that decentration is correct, block is aligned correctly for axis and the correct block has been applied															
Progressive lens neutralization - locate marking dots and power of progression						Maintenance of blocker to ensure accuracy															
Identifying the power of a bifocal to determine the add power of lens																					
Neutralizing finished lenses, checking axis, and power to the patient prescription																					
Dotting finished lenses, measuring DBC, and ensuring match to patient PD																					
Prism Identification - use the lensometer to record the amount and direction of the crosshair decentration																					
Lensometer maintenance, inking pads, changing light bulbs as needed																					

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EDGING						DIGITAL LENS SYSTEM															
Able to hand fabricate patterns for use in edger											Describe reasons for using a digital lens casting system										
Operation- understands and can name parts of edger and the safety measures necessary when operating this machine											Correctly enter patient data into the digital lens casting system										
Demonstrates ability to use Santinelli Tracer to trace frame shapes											Demonstrate use of flash fill mold system, correctly curing the lenses and de-gasketing the mold and lens										
Operate Horizon II Edger to cut lenses to fit a frame											Finding, cleaning and returning the lens mold system components										
Operate Santinelli Wet Edger ME-1000 to cut lenses for full frame eyewear											Manufacture a single vision no tints , ensuring axis is set for front and back mold										
Correct use of a dial caliper to measure cut materials											Manufacturing of a Multi Focal lens no tints, ensuring axis is set for front to back mold										
Able to use appropriate tools and techniques to de-block lenses post edging											Manufacturing of a lens with a speciality tint, using the correct AR coating procedures and steps										
Able to perform a safety beveling after de-blocking											Maintain digital lens system; changng water, chemistry tubes, cleaning and changing coating system components										
Maintenance of edger- cleaning and changing blades as needed																					
FINISHING						INDUSTRY RESOURCES															
Mounting lenses to a zyl frame using hot air warmer or salt box											https://www.health.ny.gov/diseases/conditions/vision_and_eye_health/types_of_vision_problems.htm										
Mounting lenses in a metal fram using optical screwdriver											https://www.nysed.gov/career-technical-education/vision-care-technology										
Bench alignment of frame for fit											https://www.op.nysed.gov/professions/optometry/professional-practice										
Tinting of eyewear using tinting station following all safety precautions											https://thevisioncouncil.org/sites/default/files/ANSI%20Z80%201-2015_Quick%20Reference%20v2.pdf										
Apply ANSI standards to finished glasses ensure have correct PD, power, and axis																					
Ensure proper fit of frame to a patients face																					