

Course Competency

OPT 2451 OPHTHALMIC DISPENSING PROCEDURES 2

Course Description

Dispensing is an essential component which entails the ability to assist customers/patients with the purchase and dispensing of ophthalmic products. Students will develop knowledge dealing with the theory of ophthalmic dispensing, such as frame selection, multifocal measurement, ordering, verification, delivery, adjustment, and repair of eyewear products. Students will continue to enhance the technical knowledge of the properties of different ophthalmic frame and lens materials including glass, plastic, absorptive lenses, photochromatics, multifocals, and progressive power lenses. Emphasis on selecting eyewear based on specific visual problems, anatomical types, and certain selected occupations is also covered. Safety and industrial eyewear are discussed. Prerequisite: OPT 1450, OPT 1450L.

Course Competency	Learning Outcomes
<p>Competency 1: The student will continue to identify the different frame materials and frame parts by:</p> <ol style="list-style-type: none"> 1. identifying zyl, polyamide, nylon, optyl, propionate. 2. identifying temples, frame front, end pieces, temple covers, guard arms, nose pads, shields, rivets. 3. explaining differences and advantages of different types of frame materials. 	<ol style="list-style-type: none"> 1. Communication
<p>Competency 2: The student will explain the advantages and disadvantages of the different frame types and styles for various prescriptions by:</p> <ol style="list-style-type: none"> 1. explaining advantages of specific frame styles for myopic prescriptions. 2. explaining advantages of specific frame styles for hyperopic prescriptions. 3. describing advantages of specific frames for sports activities. 4. describing different types of bridges available. 5. explaining how to select frames for children and the elderly. 6. explaining cosmetic considerations to the 	<ol style="list-style-type: none"> 1. Communication

<p>patient.</p> <p>7. explaining advantages of specific frame styles for presbyopic prescriptions.</p>	
<p>Competency 3: The student will continue to identify the different lens materials and explain the advantages and disadvantages by:</p>	<p>1. Communication</p>
<p>1. identifying different lens materials.</p> <p>2. explaining advantages and disadvantages of different lens materials.</p> <p>3. explaining protective eyewear and demonstrate its advantages.</p>	
<p>Competency 4:The student will state the procedures needed to adjust frames to standard alignment and a patient's face by:</p>	<p>1. Communication</p>
<p>1. identifying causes of complaints.</p> <p>2. evaluating proper temple spread.</p> <p>3. evaluating proper pantoscopic angle.</p> <p>4. evaluating proper vertex distance.</p> <p>5. describing how to move the frame from left to right.</p> <p>6. describing how to adjust the pads.</p> <p>7. evaluating temple bends.</p>	
<p>Competency 5:The student will list and perform the procedures needed to make minor repairs on a patient's frame by:</p>	<p>1. Communication</p>
<p>1. describing how to repair loose temples and temples that are spread to far or are to narrow.</p> <p>2. describing how to replace missing or broken temples.</p> <p>3. describing how to replace adjustable nose pads.</p> <p>4. describing how to repair loose lenses.</p> <p>5. explaining how to replace hidden hinges and riveted hinges.</p>	
<p>Competency 6:The student will list and identify the criteria used to determine the quality of a completed pair of spectacles by:</p>	<p>1. Communication</p>

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| <ol style="list-style-type: none">1. demonstrating knowledge of ANSI Standards.2. identifying standard alignment and adjust misalignments.3. evaluating eyewear in regard to cosmetic appearance and symmetry. | |
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