Course Competency

OPT 1330 CLINICAL DATA COLLECTION 1

Course Description

This course develops the techniques necessary in a clinical environment for the collection of patient case history, entrance visual acuity, basic visual skills of ocular motility and accommodation, color discrimination, depth perception and binocular fusion. Emphasis is also placed on gaining familiarity with language skills and medical terminology as it relates to the body and visual systems.

Course Competency	Learning Outcomes
Competency 1: The student will learn to create a meaningful case history by:	1. Communication
1. gathering all the necessary information about the patients' present illness. 2. gathering all the necessary information about the patients' family medical and ocular history. 3. gathering all the necessary information about the patients' ocular use and demands on their vision. 4. gathering all the necessary information about the patients' medical and ocular history.	
Competency 2: The student will be able to use clinical methods to measure visual acuity and the principles on which it is based by:	1. Communication 2. Critical thinking
1. being able to demonstrate the difference between intensity and size of the target letters. 2. gathering information used to identify various forms of refractive errors and the influence they have on visual acuity.	
Competency 3: The student will develop preliminary ocular testing techniques to determine results used by the eye care practitioner by:	1. Communication 2. Critical thinking

	3. Ethical Issues
1. Performing the tests, which include: accommodation, convergence, ocular motility, cover tests, binocularity, color vision, depth perception, visual field defects.	
Competency 4: The student will demonstrate the ability to record data acquired during preliminary testing by:	1. Communication 2. Critical thinking 3. Numbers / Data
1. Collecting data which uses abbreviations, prefixes, suffixes and medical/ocular terminology to assist the eye care practicioner.	

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