Miami Dade College

Course Description
OPT1330 | Clinical Data Collection 1 | 2.00 credits

In this course, students will learn the techniques necessary in a clinical environment for the collection of patient case history, entrance visual acuity, basic visual skills of ocular mobility and accommodation, color discrimination, depth perception and binocular fusion. Emphasis is also placed on gaining familiarity with the medical terminology as it relates to the visual system. Corequisites: OPT1110, OPT1205

Course Competencies:

Competency 1: The student will learn to create a meaningful case history by:
1. Gathering all the necessary information about the patient's present illness
2. Gathering all the necessary information about the patient's family medical and ocular history
3. Gathering all the necessary information about the patient's ocular use and demands on their vision
4. Gathering all the necessary information about the patient's 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. Being able to demonstrate the difference between the 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. Performing the tests, which include accommodation, convergence, ocular motility, cover tests, binocularity, color vision, depth perception, and visual field defects

Competency 4: The student will demonstrate the ability to record data acquired during preliminary testing by:
1. Collecting data that uses abbreviations, prefixes, suffixes, and medical/ocular terminology to assist the eye care practitioner

Learning Outcomes:
- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Use computer and emerging technologies effectively