Alexandria Technical and Community College

OPMT 2570: Ophthalmic Skills Lab IV

A. COURSE DESCRIPTION

Credits: 4
Lecture Hours/Week: 0
Lab Hours/Week: 8
OJT Hours/Week: *.*

Prerequisites:
This course requires both of these prerequisites
  OPMT 2530 - Ophthalmic Skills Lab III (Number of Years Valid: 5)
  OPMT 2540 - Clinical Rotation III

Corequisites: None
MnTC Goals: None

This course is the final course, in continuation with Skills Lab I, II, and III, and completes the remaining procedures for care of ophthalmology patients with greater precision, as well as tests and procedures in certification tests. Students will observe the remaining techniques in various settings with the goal of performing them with precision and reproducibility. Emphasis will be on basic skills needed for examining eyes of patients. Students will be introduced to the remaining equipment and instruments used for patient examination; be assigned examination rooms to maintain; learn remaining procedures for information gathering in an examination; and will conclude their development as contributing members of the eye care team. All previously learned tests, measurements, and procedures will be reviewed. Other ophthalmic concepts useful for patient work in clinic will be added as needed.

B. COURSE EFFECTIVE DATES: 04/26/2022 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Review previously learned tests, measurements, and procedures.
2. Reproduce results with greater precision.
3. Identify additional details in instruments and their uses for eye exams.
4. Perform basic eye exams with better understanding of the theory.
5. Measure vision and histories with greater detail.
6. Identify neurological and glaucoma visual field defects.
7. Evaluate pupil response for sympathetic, parasympathetic, and relative afferent pupillary defects.
8. Perform an extraocular muscle (EOM) exam.
9. Identify fusion problems.
10. Use prisms to achieve fusion.
11. Identify and neutralize refractive errors.
12. Perform tests for signs of malingering.
13. Proper notation of results, with greater detail, on paper and Electronic Health and Medical Records (EHR/EMR).

D. LEARNING OUTCOMES (General)

1. Perform basic eye exams and document results with greater detail than previously.
2. Perform additional tests, measurements, and procedures.
3. Demonstrate advanced techniques where appropriate.
4. Act an evolved, professional, and independent technician in the eye care team.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted