Alexandria Technical and Community College

OPMT 1560: Ocular Motility

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 2
Lab Hours/Week: 0
OJT Hours/Week: *.*

Prerequisites:
This course requires both of these prerequisites
- OPMT 1500 - Ophthalmic Medical Terminology (Number of Years Valid: 5)
- OPMT 1510 - Introduction to Ophthalmology (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course introduces how human eyes work together by using extraocular muscles (EOM) and nerves. Students will learn how to identify and measure normal and abnormal eye movements.

B. COURSE EFFECTIVE DATES: 10/26/2021 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Describe EOM structure and cranial nerves (CN) innervation
2. Describe fusion and stereopsis
3. Identify eye deviations
4. Use prisms and glasses for fusion
5. Evaluate sensory status
6. Describe assisting patients with eye deviations

D. LEARNING OUTCOMES (General)

1. Describe the physiology of binocular vision
2. Describe identification and measurements of eye deviations

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted