Alexandria Technical and Community College

OPMT 1540: Ocular Anatomy and Physiology

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 examines the structure and function of the various parts of the human eye. Emphasis will be on terminology of the globe components, ocular adnexa, nerves and muscles associated with eye functions.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Describe structure and function of the visual system
2. Describe cranial nerves and ocular blood flow
3. Identify the globe and bones of the orbit
4. Describe ocular adnexa, lids, and lacrimal system
5. Identify the anterior segment
6. Describe the posterior segment
7. Describe color vision

D. LEARNING OUTCOMES (General)

1. Describe the structure of the visual system
2. Describe the physiology and function of the visual system

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted