OPMT 2510: Eye Diseases and Ocular Emergencies

A. COURSE DESCRIPTION

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

Prerequisites:  
This course requires all four of these prerequisites  
OPMT 1540 - Ocular Anatomy and Physiology (Number of Years Valid: 5)  
OPMT 1550 - Physical and Clinical Optics (Number of Years Valid: 5)  
OPMT 1560 - Ocular Motility (Number of Years Valid: 5)  
OPMT 1570 - Ophthalmic Pharmacology (Number of Years Valid: 5)

Corequisites: None  
MnTC Goals: None

This course familiarizes the student with pathophysiological conditions of the orbit and eye, emphasizing common eye diseases and conditions, ocular emergencies, urgencies, and priorities. Students will develop knowledge and skills required for their role in assisting ophthalmologists in clinic and surgery.

B. COURSE EFFECTIVE DATES:  12/17/2021 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Describe the anatomy of the eye.  
2. List the main physiological aspects of the eye.  
3. Distinguish between ocular signs and symptoms.  
4. Discuss common diseases of the eye.  
5. Identify ocular emergencies, urgencies, and priorities.  
6. Identify safety measures for the eye.  
7. Describe first aid and cardiopulmonary resuscitation (CPR).

D. LEARNING OUTCOMES (General)

1. Describe their roles in ophthalmology.  
2. Perform basic eye exams.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted