OCULAR DISEASE & OCULAR PHARMACOLOGY
Course Syllabus

Course Number: HLTH-0182
OHLAP Credit: No
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Health Science
Career Pathway: Therapeutic Services
Career Major(s): Vision Care Technician, Vision Care Assistant

Pre-requisite(s):
Presentation of the most common ocular abnormalities and disease processes and how they are related to systemic disease will be included in this course. In addition, this course will include presentation of the most common ophthalmic medications and their purpose as well as systemic medications used in the treatment of ocular abnormalities.

Textbooks:
The Ophthalmic Assistant 8th Ed. by Harold A. Stein, Raymond M. Stein, Melvin I. Freeman, Elsevier (2006)
The Ophthalmic Medical Assistant An independent study course. 4th Ed. (2006)

Course Objectives:
A. Demonstrate Knowledge of Ocular Disease and the Appropriate Relationship to Systemic Disease¹
   1. Define basic terms related to ocular disease. ¹
   2. Define the more common ocular diseases. ¹
   3. Describe the interaction between ocular diseases and the body. ¹
   4. Describe the clinical signs indicating disease. ¹
B. Identify Ophthalmic Medications and Each Purpose¹
   1. Identify each class of medications by the corresponding cap color. ¹
   2. Describe the purpose or mechanism of action of ophthalmic medications. ¹
C. Demonstrate Knowledge of Systemic Medications Used in Ophthalmic Practice¹
   1. Identify systemic medications used for treatment of ocular abnormalities. ¹
   2. Describe the purpose of systemic medications used in treatment of ocular ¹disease.

¹ ODCTE Objective
All unmarked objectives are TTC instructor developed.

Teaching Methods:
The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.
Grading Procedures:
1. Students are graded on theory and lab practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
4. Career Major grades established during coursework are a major criteria in successfully obtaining certification.

Description of Classroom, Laboratories, and Equipment:
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit:
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility:
The student must maintain a grade point average of 2.0 or better.