INTRODUCTION TO VISION CARE
Course Syllabus

Course Number: HLTH-0181
OHLAP Credit: No
OCAS Code: None
Course Length: 30 Hours
Career Cluster: Health Science
Career Pathway: Therapeutic Services
Career Major(s): Vision Care Technician, Vision Care Assistant

Pre-requisite(s): None

Course Description: This course will provide an overview of the health care environment including completion of educational requirements, responsibilities and job duties.

Textbooks:
The Ophthalmic Assistant 8th Ed. Harold A. Stein, Raymond M. Stein, Melvin I. Freeman 2006 Elsevier

The Ophthalmic Medical Assistant An independent study course. 4th Ed. 2006, Newmark, M.D., E., Executive Editor (no Author)


Course Objectives:

A. Demonstrate understanding of education and scope of practice of: 1
   1. Optometrist 1
   2. Ophthalmologist 1
   3. Optician 1
   4. Ophthalmic Assistant 1
   5. Orthoptist 1
   6. Oculist 1

B. Describe career responsibilities of an ophthalmic assistant. 1
   1. List job responsibilities and tasks. 1
   2. Identify the accrediting agency for ophthalmologists (AAO). 1
   3. Identify the technical ophthalmology certification board (JCAHPO). 1
   4. Identify the three levels of certification available (C.O.A., C.O.T., C.O.M.T.). 1
   5. Identify the optometry certification board (ACOE). 1
   6. Identify the three levels of optometric certification available (C.P.O., C.P.O.A., C.P.O.T.). 1
   7. List several benefits of certification. 1
   8. Consistently demonstrate reliability, self discipline, cooperation, & professionalism. 1

C. Identify any potential hazards in an ophthalmic practice. 1

Health Careers Core Incorporation

A. Concepts of Effective Communication1
   1. Interpret verbal and nonverbal communication1
2. Recognize barriers to communication
3. Report relevant information in order of occurrence
4. Report subjective and objective information
5. Recognize elements of communication using a sender-receiver model
6. Apply speaking and active listening skills

B. Written Communication Skills
1. Recognize elements of written and electronic communication (spelling, grammar, formatting and confidentiality)
2. Describe techniques for planning and organizing written documents

C. Medical Mathematics
1. Apply mathematical computations related to healthcare procedures (metric and household, conversions and measurements)
2. Analyze diagrams, charts, graphs, and tables to interpret healthcare data
3. Record time using 24-hour clock

D. Personal Safety
1. Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations (including standard precautions)
2. Apply principles of body mechanics and ergonomics

E. Environmental Safety
1. Evaluate environment to recognize safe and unsafe working conditions
2. Apply safety techniques to prevent accidents and to maintain a safe work environment

F. Common Safety Hazards
1. Recognize Materials Safety Data Sheets (MSDS)
2. Comply with safety signs, symbols, and labels
3. Understand implications of hazardous materials

G. Core Information Technology Applications (15 hours)
This course provides content that the student will use to understand the many uses of information technology in all healthcare settings and specialties. The student will gain skill in using appropriate information technology applications a variety of settings.

H. Health Information Management
1. Identify records and files common to healthcare
2. Interpret information from electronic medical documents

I. Information Technology
1. Communicate using technology (fax, e-mail, and Internet) to access and distribute data and other information
2. Recognize technology applications in healthcare

J. Cultural, Social, and Ethnic Diversity
1. Understand religious and cultural values as they impact healthcare
2. Demonstrate respectful and empathetic interactions with diverse age, cultural, economic, ethnic, and religious groups

K. Core Healthcare Delivery Systems (15 hours)
This course will assist the student to identify how key healthcare systems affect the delivery of specific healthcare services. There will be opportunities to study the effect of a variety of issues on the delivery of quality care to patients. The student will begin to appreciate the value of each healthcare team member and the impact that individuals have in influencing the delivery of care in specific healthcare environments. They perform and quality of care. In this course, students will be able to explain the cost of health care and services. Students will also be able to discuss the different health care facilities, agencies, and trends in health care.

L. Systems
1. Understand systems theory as it relates to a healthcare delivery system model
2. Explain the cause and effect of factors influencing various healthcare delivery
INTRODUCTION TO VISION CARE

systems. ¹

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.