CONTACT LENSES AND VISION CARE DISPENSING
Course Syllabus

Course Number: HLTH-0095    OHLAP Credit: No
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Health Science
Career Pathway: Therapeutic Service
Career Major(s): Vision Care Technician, Vision Care Assistant

Pre-requisite(s): None

Course Description: In this course, instruction and laboratory exercises detailing contact lens types and their appropriate wear and care regimens will be covered. Instruction and laboratory exercises designed to provide student with basic understanding of spectacle lens fabricating, adjusting and dispensing will be covered in the course.

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. Contact Lens Types
1. Demonstrate understanding of basic soft contact lens types. ¹
2. Demonstrate understanding of soft contact lens materials. ¹
3. Demonstrate understanding of basic rigid gas permeable contact lenses. ¹
4. Demonstrate understanding of rigid gas permeable lens materials. ¹
5. Demonstrate understanding of spherical contact lenses. ¹
6. Demonstrate understanding of toric contact lenses. ¹
7. Demonstrate understanding of bifocal contact lenses. ¹

B. Contact Lens Wear and Care Regimens
1. Describe wear schedules appropriate to each type of contact lens. ¹
2. Demonstrate proficiency in care regimens appropriate to each type of contact lens. ¹
3. Demonstrate proficiency in contact lens insertion and removal. ¹

C. Spectacle Lens Fabrication
1. Describe the steps in the fabrication process. ¹
2. Define basic lab safety guidelines. ¹
3. Demonstrate proficiency in the fabrication process. ¹

D. Spectacle Adjusting and Dispensing of Lenses
1. Define the box measurement as it applies the spectacle frame. ¹
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2. Define terms associated with frame adjustment. ¹
3. Define terms related to frame selection. ¹
4. Demonstrate proficiency in frame adjustment. ¹
5. Demonstrate proficiency in frame repair. 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.