TEXTILES
Course Syllabus

Course Number: APDT-0415
OCAS Code: 8425
Course Length: 40 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Visual Arts
Career Major(s): Apparel Design Technician

Pre-requisite(s): APDT-0236 Apparel Design Introduction

Course Description: Identification of synthetic and natural fibers and their special qualities prepares students to select appropriate fabrics for divergent applications. Textile construction, color application, and the techniques for working with specific fabrics will be discussed and demonstrated. Students will develop a resource book of various textiles, constructions, and applications.

Textbooks:
Instructor-developed materials

Course Objectives:

A. Synthetic and Natural Fibers.¹
   1. Compare natural and synthetic fibers.
   2. Describe processes in production of synthetic fibers.

B. Textile Construction.¹ ²
   1. Distinguish types of construction.²
   2. Categorize different types of weaving.²
   3. Classify types of knit.²
   4. Identify non-woven textiles.²

C. Color Application.¹ ²
   1. Compare various dyeing procedures for color retention, cost, etc.²
   2. Demonstrate understanding of fabric printing methods and costing.²
   3. Apply color to a fabric.²

D. Special Fabrics.¹
   1. Compare the techniques for utilizing stripes and plaids.
   2. Explain the methods used with napped fabrics.
   3. List other special fabrics and considerations with usage.
   4. Evaluate the appropriateness of a fabric for a specific use.

E. Labeling and Legal Requirements.¹
   1. Name and describe five laws related to apparel and textiles.
   2. Identify the rights and responsibilities of the consumer.
3. Evaluate the information on hangtags, labels, and packaging.

F. Care of Textiles and Textile Products.¹
   1. Describe how to provide daily and weekly care for your clothes.
   2. Discuss the proper storage of clothes.
   3. Evaluate the best ways to treat and remove stains.
   4. Demonstrate how to keep your apparel clean and pressed.

¹ODCTE objectives
²Priority Academic Student Skills (PASS) – High School Visual Art

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 shop 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%.

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.