MULTIPLE EMBROIDERY
Course Syllabus

Course Number: APDT-0237  OHLAP Credit: No
OCAS Code: None
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-0417 Custom Sewing Basic

Course Description: This course includes an overview of embroidery production. Safe operation and maintenance of commercial and home embroidery machines are practiced. Skills in hooping, design orientation, and placement on a variety of fabrics will be performed. Students will develop designs from existing patterns, learn to use a scanner, and create new designs by digitizing artwork.

Textbooks: Instructor-developed materials
Bernina Embroidery Software V.5

Course Objectives:

A. Single-Head Embroidery – Machine.²
   1. Complete orientation of equipment.²
   2. Demonstrate basic maintenance for machine.²
   3. Recognize causes of minor sewing difficulties.²
   4. Practice keypad functions on machine.²
   5. Operate machine for flatwork.²

B. Embroidery.¹
   1. Demonstrate skill in clipping.
      a. Clip out jump threads.
      b. Use fray check.
      c. Remove incorrect stitches by hand and with manual stick eraser.
   2. Demonstrate the ability to hoop.
      a. Choose hoop size relative to embroidery size.
      b. Select correct backing and facing when necessary.
      c. Position embroidery site in correct XY Axis.
      d. Consider orientation of hoop and design reference.

C. Textiles Techniques.¹
   1. Choose appropriate backing for job.
   2. Consider need for cover fabrics.

D. Editing Pattern Disks.¹
   1. Adjust size of embroidery.
   2. Change orientation of embroidery.
3. Add text to design.

E. Digitizing Art Work.
1. Identify types of stitches available.
2. Demonstrate the ability to digitize.
3. Restructure portion of design in edit.
4. Output design to embroidery/sewing machine and USB stick.
5. Perform a sew out to check design.

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.