# CUSTOM SEWING, BASIC
## Course Syllabus

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>APDT-0417</th>
<th>OHLAP Credit:</th>
<th>No</th>
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<tbody>
<tr>
<td>OCAS Code:</td>
<td>None</td>
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<tr>
<td>Course Length:</td>
<td>80 Hours</td>
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<tr>
<td>Career Cluster:</td>
<td>Arts, A/V Technology &amp; Communications</td>
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<td>Career Pathway:</td>
<td>Visual Arts</td>
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<tr>
<td>Career Major(s):</td>
<td>Apparel Design Technician</td>
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### Pre-requisite(s):

This course begins with the safe operation and maintenance of the tools and equipment of apparel manufacturing and assembly. The students apply ASTM standards of seams and stitches to projects. The course will cover factors that affect material, assembly processes, and grain lines in relation to pattern construction. Students will construct basic garments and develop a resource book.

### Textbooks:

*Sewing for the Apparel Industry* by Claire Shaeffer, Prentice Hall Publisher (2001)

### Course Objectives:

#### A. Tools and Equipment

1. Identify and demonstrate the use of hand tools.
2. Recognize each stitch classification and machines that fit into that category.
3. Locate major parts of the sewing machine and describe the function of each.
4. Perform minor maintenance functions.
5. Recognize and correct causes for minor machine difficulty.
6. Perform timed sewing practice.
7. Demonstrate the correct threading of machine.

#### B. Seams, Stitches, Hems, and Finishes

1. Plain seams.
2. Enclosed seams.
3. Seams with different contours.
4. Seams with fullness.
5. Seam finishes.
8. Construct a samples notebook.

#### C. Pattern and Marker Making

1. Develop a pattern.
2. Develop a marker.
3. Sequencing, pressing, and production.
4. Construct a diaper bag or tote bag.

#### D. Commercial Patterns

1. Identify pattern symbols.
2. List the information on the front and back of pattern envelope.
4. Demonstrate grainline and pattern layouts.
5. Construct a project applying commercial pattern sequencing.

E. Educational Enhancement Center Math Activities.
1. Read and write whole numbers.
2. Add, subtract, multiply and divide whole number.
3. Use whole numbers to solve apparel applications.
4. Solve problems using fractions:
   a. In lowest terms (reduce)
   b. As equivalent fractions
   c. As whole and mixed numbers
   d. Determine least common denominators
5. Add, subtract, multiply, and divide fractions/mixed numbers.
6. Identify the place value of decimals.
7. Read and write decimal fractions.
8. Add, subtract, multiply, and divide decimal fractions.

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.