



**THE REPUBLIC OF KENYA**

**COMPETENCY BASED CURRICULUM**

**FOR**

**FASHION DESIGN MANAGEMENT**

**KNQF LEVEL 6**

**ISCED PROGRAMME CODE:0212 554 B**



TVET CDACC  
P.O. BOX 15745-00100  
NAIROBI

## DESIGN AND CONSTRUCTION OF SHOES

**UNIT CODE: FAS/CU/FD/CR/10/6/B**

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: **Design and Construct Shoes**

**Duration of Unit:** 240 hours

### Unit Description

This unit covers the competencies required to design and construct shoes. It involves planning for design and construction of shoes, designing, sketching and illustrating selected shoes, constructing and laying the shoe pattern pieces, cutting and constructing shoes. It also entails finishing and displaying the shoes as well as developing a shoe portfolio.

### Summary of Learning Outcomes

1. Plan for design and construction of shoes
2. Sketch and illustrate selected shoes
3. Design selected shoes
4. Construct selected shoe pattern pieces
5. Lay and cut shoe pieces
6. Construct and finish the selected shoes
7. Accessorize selected shoes
8. Display the shoes
9. Develop a shoe portfolio

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Plan for design and construction of shoes	<ul style="list-style-type: none"><li>• Shoes production standards</li><li>• Shoes production tools and equipment</li><li>• Shoes production materials and supplies</li><li>• Tasks in the production of shoes</li><li>• Allocation of duties to staff</li><li>• Orientation of new staff</li><li>• Setting production targets</li><li>• Development of production schedules</li></ul>	<ul style="list-style-type: none"><li>• Written tests</li><li>• Observation</li><li>• Oral questioning</li><li>• Interviewing</li><li>• Third party report</li></ul>

	<ul style="list-style-type: none"> <li>• Safety and health in the production workshop</li> <li>• Development of production standard procedures</li> </ul>	
2. Sketch and illustrate selected shoes	<ul style="list-style-type: none"> <li>• Shoes sketching and illustrating tools, equipment, materials and supplies</li> <li>• Principles of shoes sketching and illustration</li> <li>• Shoe sketching techniques</li> <li>• Shoes illustration techniques</li> <li>• Choice of illustration media</li> <li>• Sketching and illustrating shoes designs</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
3. Design selected shoes	<ul style="list-style-type: none"> <li>• History and trends in shoes making</li> <li>• Shoes making tools, equipment, materials and supplies</li> <li>• Principles and elements of shoes making</li> <li>• Methods of shoes making <ul style="list-style-type: none"> <li>○ Sewing</li> <li>○ Patchwork</li> <li>○ Knitting</li> <li>○ Crocheting</li> </ul> </li> <li>• Types of shoes <ul style="list-style-type: none"> <li>▪ Formal</li> <li>▪ Informal</li> <li>▪ creative</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
4. Construct selected shoe pattern pieces	<ul style="list-style-type: none"> <li>• Shoe construction tools, equipment, materials and supplies</li> <li>• Principles of shoe pattern construction</li> <li>• Pattern instructions</li> <li>• Shoe pattern adaptation techniques</li> <li>• Pattern grading</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
5. Lay and cut shoe pieces	<ul style="list-style-type: none"> <li>• Shoe pattern laying tools, equipment, materials and supplies</li> <li>• Pattern laying techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> </ul>

	<ul style="list-style-type: none"> <li>• Principles of fabric laying</li> <li>• Marker making</li> <li>• Cutting tools and equipment</li> <li>• Cutting methods and techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Interviewing</li> <li>• Third party report</li> </ul>
6. Construct and finish the selected shoes	<ul style="list-style-type: none"> <li>• Shoe assembling procedure</li> <li>• Shoes construction tools and equipment <ul style="list-style-type: none"> <li>○ Use</li> <li>○ Care</li> <li>○ Maintenance</li> </ul> </li> <li>• Shoe construction materials and supplies</li> <li>• Principles of shoes making</li> <li>• Shoes making techniques: <ul style="list-style-type: none"> <li>○ Sewing</li> <li>○ Patchwork</li> <li>○ Knitting</li> <li>○ Crocheting</li> </ul> </li> <li>• Assembling selected shoe designs <ul style="list-style-type: none"> <li>○ Formal</li> <li>○ Informal</li> <li>○ Creative</li> </ul> </li> <li>• Shoe finishing tools and equipment <ul style="list-style-type: none"> <li>○ Use</li> <li>○ Care</li> <li>○ Maintenance</li> </ul> </li> <li>• Materials and supplies in shoe finishing</li> <li>• Principles and techniques of shoe finishing</li> <li>• Methods of shoe finishing</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
7. Accessorize selected shoes	<ul style="list-style-type: none"> <li>• Shoe accessorizing tools and equipment</li> <li>• Principles and techniques of accessorising</li> <li>• Methods of accessorizing shoes <ul style="list-style-type: none"> <li>○ Beading</li> <li>○ Embroidery</li> <li>○ Patchwork</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>

	○ Applique	
8. Display the shoes	<ul style="list-style-type: none"> <li>• Shoe display tools, equipment, materials and supplies</li> <li>• Principles of shoes displaying</li> <li>• Types of shoes display</li> <li>• Methods of shoes displaying</li> <li>• Packaging of shoes</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>
9. Develop a shoe portfolio	<ul style="list-style-type: none"> <li>• Types of portfolio</li> <li>• Portfolio development</li> <li>• Principles of photography</li> <li>• Methods of photography</li> <li>• Video shooting and storage</li> <li>• Portfolio development</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Third party report</li> </ul>

### **Suggested Methods of Instruction**

- Direct instruction
- Project
- Case studies
- Field trips
- Discussions
- Demonstration by trainer
- Practice by the trainee
- Question and answer

### **List of Recommended Resources:**

**Institutional resources**

Assorted embroidery threads, Assorted fabric, Assorted foam/waddings, Assorted glue, Assorted needles, Assorted shoe interfacings, Assorted knitting threads, Assorted lace, Assorted machines, Assorted pins, Assorted PPE items, Assorted ribbons, Assorted stiffeners, Assorted stitching threads, Brown paper, Charcoal, Computers, stationery, Assorted sewing threads, Dressmakers pins, Elastic, Embroidery hoop, Assorted fasteners , Hangers, Iron, Ironing boards, Mallet, Nozzles, Piping cord, Plain paper, Pliers, Punch, Tailors chalk, Thread trimmer, Assorted tweezers, Water, Assorted shoe soles, Tape measure, Assorted cutting shears, Working tables, Seam ripper, Eyelet spreader, Snap setting outfit, Awl, Stamping tool, Anvil, Tracer, Modeller, Knife, Edge creaser

**Trainee requirements**

Assorted embroidery threads, Assorted fabric, Assorted foam/waddings, Assorted glue, Assorted needles, Assorted shoe interfacings, Assorted knitting threads, Assorted lace, Assorted pins, Assorted PPE items, Assorted ribbons, Assorted stitching threads, stationery, Assorted sewing threads, Dressmakers pins, Elastic, , Assorted fasteners, Piping cord, Plain paper, Pliers, Punch, Tailors chalk, Thread trimmer, Assorted tweezers, Tape measure, Assorted cutting shears, Seam ripper, Eyelet spreader, Awl, Stamping tool, Anvil, Tracer, Knife, Edge creaser