



THE REPUBLIC OF KENYA

COMPETENCY BASED CURRICULUM

FOR

FASHION DESIGN

KNQF LEVEL: 5

ISCED PROGRAMME CODE: 0212 454 B



TVET CDACC
P.O. BOX 15745-00100
NAIROBI

SEWING MACHINE OPERATION

UNIT CODE: FAS/CU/FD/CR/01/5/B

Relationship to Occupational Standards

This unit addresses the Unit of Competency: **Perform sewing machine operations**

Duration of Unit: 30 hours

Unit Description

This unit covers the competencies required to perform sewing machine operations. It involves identifying machine parts and their functions, operating sewing machines, troubleshooting, servicing and maintaining the machine.

Summary of Learning Outcomes

1. Identify parts and functions of the sewing machine
2. Operate the sewing machine
3. Trouble shoot the sewing machine
4. Service and maintain the sewing machine

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Identify parts and functions of the sewing machine	<ul style="list-style-type: none">• Workshop safety• Sewing machines and their functions• Sewing machine parts and their functions	<ul style="list-style-type: none">• Written tests• Observation• Oral questioning• Interviewing• Third party report
2. Operate the sewing machine	<ul style="list-style-type: none">• Principles of machine operations• Tools and supplies for sewing machines operation• Setting the sewing machine• Operating the sewing machine	<ul style="list-style-type: none">• Written tests• Observation• Oral questioning• Interviewing

	<ul style="list-style-type: none"> • Stitching techniques 	<ul style="list-style-type: none"> • Third party report
3. Troubleshoot the sewing machine	<ul style="list-style-type: none"> • Common sewing machine faults and their remedies <ul style="list-style-type: none"> ○ Fault finding ○ Fault solving • Sewing machine troubleshooting tools and supplies 	<ul style="list-style-type: none"> • Observation • Oral questioning • Interviewing • Third party report
4. Service and maintain the sewing machine	<ul style="list-style-type: none"> • Principles of machine servicing and maintenance • Oiling the sewing machine • Servicing the sewing machine • Maintenance of the sewing machine 	<ul style="list-style-type: none"> • Observation • Oral questioning • Interviewing • Third party report

Suggested Methods of Delivery:

- Direct instruction
- Project
- Discussions
- Demonstration by trainer
- Practice by the trainee

List of Recommended Resources:

Institutional resources:

Workshop, stationery, sewing machines, assorted fabrics, assorted scissors, assorted screw drivers, assorted machine needles, pliers, tape measure, seam ripper, thimble, assorted threads, assorted PPE items.

Trainee requirements:

Assorted scissors, Tape measure, Seam ripper, Tailors chalk, Assorted needles, Assorted dyes,
Assorted fabrics, Assorted PPE items,