

**REPUBLIC OF KENYA**

**COMPETENCY BASED MODULAR CURRICULUM**

**FOR**

**FASHION DESIGN**

**KNQF LEVEL 3**

**PROGRAMME ISCED CODE: 0212 254A**

Copyright © 2025,

All rights reserved. No part of this Curriculum may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods without the prior written permission of …….., except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law. For permission requests, write to the Council Secretary/CEO/Chief Principal, at the address below:

**Council Secretary/CEO/Chief Principal**

**………………………………….**

**P.O. Box …….**

**……………**

**Email:** ………..

**FOREWORD**

Provision of quality education and training is fundamental to the Government’s overall strategy for socio-economic development. Quality education and training contribute to achievement focused on Kenya’s development blueprint and sustainable development goals.

Reforms in the education and training sector are necessary for achievement of Kenya Vision 2030 and meeting the provisions the Constitution of Kenya. The education sector had to be aligned to the Constitution and this resulted in formulation of the Policy Framework for Reforming Education and Training (Sessional Paper No. 1 of 2019). A key feature of this policy is the change in the design and delivery of TVET training. The reforms include making TVET competency-based, developing the curriculum in collaboration with industry, certifying learners based on demonstrated competence, and allowing multiple entry and exit points in TVET programmes.

These reforms emphasize the role of industry as key collaborators in curriculum development to ensure it aligns with their competence needs. It is against this background that this Curriculum has been developed.

It is my conviction that this curriculum will play a great role towards development of competent human resource for the fashion sector’s growth and sustainable development.

**PRINCIPAL SECRETARY**

**STATE DEPARTMENT FOR TVET**

**MINISTRY OF EDUCATION**

**PREFACE**

Kenya Vision 2030 aims to transform the country into a newly industrializing, middle-income country providing high quality life to all its citizens by the year 2030. Kenya intends to create a globally competitive and adaptive human resource base to meet requirements of a rapidly industrializing economy through life-long education and training. TVET has a responsibility of facilitating the process of inculcating knowledge, skills and worker behaviour necessary for catapulting the nation to a globally competitive country, hence the paradigm shift to embrace Competency Based Education and Training (CBET).

The Technical and Vocational Education and Training Act No. 29 of 2013 and the Sessional Paper No. 1 of 2019 on Reforming Education and Training in Kenya, emphasized the need toreform curriculum development, assessment and certification. This called for a shift to CBET to address the mismatch between skills acquired through training and skills needed by industry as well as increase the global competitiveness of Kenyan labour force.

This curriculum has been developed in adherence to the Kenya National Qualification Framework and CBETA standards and guidelines. The curriculum is designed and organized into Units of Learning with Learning Outcomes; suggested delivery methods, training/learning resources and methods of assessing the trainee’s achievement. The curriculum is competency-based and allows multiple entry and exit to the course.

I am grateful to the Council Members, Council Secretariat, Technical Committee, Fashion Design SSAC, expert workers and all those who participated in the development of this curriculum.

**CHAIRPERSON**

**ACKNOWLEDGEMENT**

This curriculum has been designed for competency-based training and has independent units of learning that allow the trainee flexibility in entry and exit. In developing the curriculum, significant involvement and support was received from industry and various organizations.

I appreciate National Fashion Sector Skills Committee who enabled the development of this curriculum. I recognize with appreciation the role of the SSC in ensuring that competencies required by the industry are addressed in this curriculum.

I also thank all stakeholders in the Fashion sector for their valuable input and all those who participated in the process of developing this curriculum.

I am convinced that this curriculum will go a long way in ensuring that workers in Fashion sector will acquire competencies that will enable them perform their work more efficiently.

**COUNCIL SECRETARY/CEO**

Table of Contents

[FOREWORD iii](#_Toc196952126)

[ACKNOWLEDGEMENT v](#_Toc196952127)

[ABBREVIATIONS AND ACRONYMS iv](#_Toc196952128)

[COURSE OVERVIEW iii](#_Toc196952129)

[SEWING MACHINE OPERATION 1](#_Toc196952130)

[**CONSTRUCTION OF BASIC LADIES’ GARMENTS** 5](#_Toc196952131)

[CONSTRUCTION OF BASIC GENTS’ GARMENTS 9](#_Toc196952132)

# ACRONYMS

ICT Information Communication Technology

PPE’s Personal Protective Equipment

TVET Technical Vocational Education and Training

SSC Staff Selection Commission

CBETA Competency based Education, Training and Assessment

QAI Quality Assurance International

KCSE Kenya Certificate of Secondary Education

RPL Recognition of Prior Learning

**KEY TO UNIT CODE**

**COURSE OVERVIEW**

**Sector / Industry**

**Sub Sector**

**Occupational Area**

**Version Control**

**Unit of Competence Number**

**ISCED level, Programme Orientation and Level of Completion**

xx

x

xxx

x

x

x

Fashion Design Level 3 qualification consists of competencies that an individual must achieve to produce fashion design garments. It comprises of performing sewing machine operations, Constructing basic Ladies’ and Gents’ Garments.

The units of learning comprising Fashion Design Level 3 qualification include the following:

**Summary of Units of Learning**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| **UNIT CODE** | **Unit Title** | **Duration in Hours** | **Credit Factor** |
| 0212 251 01A | Sewing machine operations | 50 | 5.0 |
| 0212 251 02A | Basic ladies’ garments Construction | 150 | 15 |
| 0212 251 03A | Basic Gents’ garments Construction | 150 | 15 |
|  | Industrial attachment | 240 | 24 |
| **Total** |  | **590** | **109** |
| **Grand Total** |  | **590** | **109** |

**Entry Requirements**

An individual entering this course should have any of the following minimum requirements:

1. Kenya Certificate of Primary Education (K.C.P.E)

Or

1. Equivalent qualifications as may be determined by TVETA

**Trainer Qualification**

Qualifications of a trainer for this course include:

1. Have a minimum qualification in Craft/ level 5 certificate in fashion design.
2. Be registered by TVETA

**Industrial Attachment**

An individual enrolled in this course will be required to undergo Industry training for a minimum period of 240 hours in Fashion Design sector. The industrial training may be taken after completion of all units for those pursuing the full qualification or be distributed equally in each unit for those pursuing part qualifications. In the case of dual training model, industrial training shall be as guided by the dual training policy

**Assessment for level 4**

The course shall be assessed formatively and summatively:

1. During formative assessment all performance criteria shall be assessed based on performance criteria weighting.
2. Number of formative assessments shall minimally be equal to the number of elements in a unit of competency
3. Assessment of basic and common competencies shall be integrated in the core units
4. Theoretical assessment shall be integrated in practical assessment and conducted orally in both formative and summative assessments.
5. Theoretical and practical weight shall be 10:90 respectively for each unit of learning.
6. Formative and summative assessments shall be weighted at 60% and 40% respectively in the overall unit of learning score
7. Assessment performance rating for each unit of competency shall be as follows:

|  |  |
| --- | --- |
| **MARKS** | **COMPETENCE RATING** |
| 80 -100 | Attained Mastery |
| 65 - 79 | Proficient |
| 50 - 64 | Competent |
| 49 and below | Not Yet Competent |
| Y | Assessment Malpractice/irregularities |

1. Assessment for Recognition of Prior Learning (RPL) may lead to award of part and/or full qualification.

**Certification**

A candidate will be issued with a Certificate of Competency upon demonstration of competence in a core Unit of Competency. To attain Kenya National TVET certificate qualification in Fashion Design Level 3, the candidate must demonstrate competence in all the Units of Competency as given in the qualification pack.

These certificates will be issued by Qualification Awarding Institution

**SEWING MACHINE OPERATION**

**UNIT CODE: 0212 251 01A**

**Relationship to Occupational Standards**

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

**Duration of Unit:** 50 hours

**Unit Description**

This unit covers the competencies required to perform sewing machine operations. It involves operate the sewing machine, trouble shoot sewing machine, service and maintain the sewing machine and promoting workshop ethical practices.

**Summary of Learning Outcomes.**

|  |  |  |
| --- | --- | --- |
| **S/No.** | **Learning Outcomes** | **Duration( Hours)** |
|  | Operate sewing machine. | 10 |
|  | Troubleshoot sewing machine. | 10 |
|  | Service and maintain sewing machine. | 20 |
|  | Promote workshop ethical practices | 10 |
| **Totals** | | **50** |

**Learning Outcomes, Content and Suggested Assessment Methods**

|  |  |  |
| --- | --- | --- |
| **Learning Outcome** | **Content** | **Suggested Assessment Methods** |
| 1. Operate the sewing machine | 1. ***PPEs*** and Workshop safety 2. Sewing machine types  * single needle lockstitch * over lock/ serger * double needle(Chain double needle, Fixed bar double needle, split bar double needle) * Flat lock (T-shirt hemming) * Feed of the arm * Buttonholing machine * Button attaching * Bar tack machine * Flat belt machine  1. Sewing machine functions 2. Sewing machine parts and their functions. 3. Sewing machine threading  * Upper threading * Lower threading  1. Sewing machine stiches testing 2. Sewing machine stitch adjustment. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Troubleshoot sewing machine | 1. Common sewing machine faults. 2. Remedies on the sewing machine faults. 3. Fault finding 4. Fault solving 5. Sewing machine troubleshooting tools and supplies. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Service and maintain the sewing machine | 1. Sewing machine maintenance. 2. tools, supplies and equipment for Oiling the sewing machine 3. Servicing the sewing machine 4. Maintenance of the sewing machine. 5. Safety. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Promote ethical work practices and values | 1. Organizational rules and guidelines. 2. Drug and Substance abuse 3. Time Management 4. Integrity   Professionalism   1. Self-Awareness 2. Self -esteem 3. Stress Management 4. Assertiveness 5. Organizational Core Values and beliefs 6. Organizational codes of conduct. 7. Teamwork. 8. Conflict Resolution. 9. Customer Care. | * Practical * Project * Oral assessment * Written assessment * Third party report |

**Suggested Methods of Instruction:**

* Direct instruction
* Project
* Discussions
* Demonstration by trainer
* Practice by the trainee
* Assignments
* Brainstorming
* Case studies
* Direct instruction with active learning strategies
* Field trips
* Instructor lead facilitation of theory using active learning strategies.
* Presentations
* Problem-solving
* Question and answer
* Simulation/Role-play
* Team training

**List of Recommended Resources for 25 Trainees.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **s/no** | **Category/item** | **Description/ specification** | **Quantity** | **Recommendation ratio**  **(item: Trainee)** |
|  | Reference books |  | 5 | 1:5 |
|  | Sewing machines |  | 25 | 1:1 |
|  | Pliers |  | 5 | 1:5 |
|  | Screws drivers |  | 5 | 1:5 |
|  | Manuals |  | 5 | 1:5 |
|  | Tweezers |  | 5 | 1:5 |
|  | Oil cans |  | 5 | 1:5 |
|  | Oil/ lubricants |  | 5 litters | 1:5 |
|  | Spanners |  | 5 | 1:5 |
|  | Alan keys |  | 5 | 1:5 |
|  | Vacuum/blowers |  | 1 | 1:25 |
|  | Testers |  | 5 | 1:5 |
|  | Wiping fabrics |  | 25 | 1:1 |
|  | Internet |  | Stable | 1:1 |

**BASIC LADIES’ GARMENTS CONSTRUCTION**

**UNIT CODE: 0212 251 02A**

**Relationship to Occupational Standards**

This unit addresses the Unit of Competency: **Construct basic Ladies’ Garments**

**Duration of Unit:** 150 hours

**Unit Description**

This unit covers the competencies required to construct basic ladies’ garments. It involves sketch basic ladies’ garments, develop free hand garment pattern pieces, Lay and cut garment pieces, construct selected basic garment, finish constructed garment, display and package garment

**Summary of Learning Outcomes**

|  |  |  |
| --- | --- | --- |
| **S/No.** | **Learning Outcomes** | **Duration( Hours)** |
|  | Sketch basic ladies’ garments | 15 |
|  | Develop freehand garment pattern pieces. | 25 |
|  | Lay and cut garment pieces. | 20 |
|  | Construct selected basic garment. | 60 |
|  | Finish constructed garment. | 20 |
|  | Display and package garment. | 10 |
| **Totals** | | **150** |

**Learning Outcomes, Content and Suggested Assessment Methods**

|  |  |  |
| --- | --- | --- |
| **Learning Outcome** | **Content** | **Suggested Assessment Methods** |
| 1. Sketch basic ladies’ garments. | 1. Workshop safety 2. Sketching tools, equipment, materials and supplies 3. Sketching techniques | * Practical * Project * Oral assessment * Written assessment * Third party report report |
| 1. Develop freehand garment pattern pieces. | 1. Freehand drafting Tools and equipment 2. Drafting basic free hand patterns. 3. Development of basic free hand pattern pieces. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Lay and Cut garment pieces. | 1. Cutting tools, equipment, materials and supplies. 2. Free hand cutting techniques 3. Taking body measurements 4. The basic free hand patterns    1. basic skirts    2. basic blouses    3. basic dresses 5. Fitting special figure problems 6. Bundling techniques | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Construct selected garment. | 1. Garment construction tools and equipment. 2. Garment construction materials and supplies. 3. Sewing techniques:    1. Stitches    2. Seams    3. Garment details    4. Handling special fabrics 4. Garments assembling | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Finish constructed garment. | 1. Garment finishing tools, equipment. 2. Garment finishing materials and supplies. 3. Garment finishing methods and techniques | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Display and package the garment | 1. Display tools, equipment, materials and supplies 2. Identification of product and supplies for garment display. 3. Garment display area. 4. Garment display workplace procedure. 5. Garment photography. 6. Garments packaging. | * Practical * Project * Oral assessment * Written assessment * Third party report |

**Suggested Methods of Instruction:**

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

**List of Recommended Resources:**

**Recommended Resources for 25 Trainees**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/No.** | **Category/Item** | **Description/ Specifications** | **Quantity** | **Recommended Ratio**  (Item: Trainee) |
| **A** | **Learning Materials** |  |  |  |
|  | National occupation Standards (OS) |  | 1 | 1:25 |
| 2. | Curriculum |  | 1 | 1:25 |
| 3. | Learning guide |  | 1 | 1:25 |
| 4. | Session plans |  | 1 | 1:25 |
| **B** | **Learning Facilities & infrastructure** |  |  |  |
|  | Workshop | 50 M2 | 1 | 1:25 |
|  | Lecture/theory room | 40 M2 | 1 | 1:25 |
|  | Tools and Equipment storage facility | 30 M2 | 1 | 1:25 |
| **C** | **Materials and supplies** |  |  |  |
|  | Brown paper | Rolls | 5 | 1:5 |
|  | Plain paper | 5 reams | 5 | 1:5 |
|  | Assorted fabrics | Calico/ jinja fabric | 5 rolls | 1:5 |
| Tetron fabric | 5rolls | 1:5 |
| Dacron fabrics | 3 rolls | 1:8 ; 1:9 |
|  | Assorted interfacing | Rolls | 2 | 1:12.5 |
|  | Assorted stitching threads | Dozens (small) | 25 | 1.1 |
| Cones | 75 | 1:3 |
|  | Personal protective equipment (PPE’S) | Dust coats | 25 | 1:1 |
| Gloves (pairs) | 25 | 1:1 |
|  | Flat closed shoes |  |  |
| **D** | **Tools and Equipment** |  |  |  |
|  | Sewing machines | Straight sewing machine  Zig – zag sewing machine | 25 | 1:1 |
| 2 | Overlock machine | Neatening machine | 3 | 1:8; 1:9 |
| 3 | Hangers | Metallic hangers/ plastic hungers | 5 | 1:5 |
| 4 | Cutting tables | Proper size and height | 13 | 1:2 |
| 5 | Assorted scissors | Cutting shears | 25 | 1:1 |
| Paper scissors | 25 | 1:1 |
| 6 | Tracing wheel |  | 25 | 1:1 |
| 7 | Tape measure |  | 25 | 1:1 |
| 8 | Seam ripper |  | 25 | 1:1 |
| 9 | Metre ruler |  | 25 | 1:1 |
| 10 | 30 centimeter’s ruler | Plastic | 25 | 1:1 |
| 11 | Thimble | Metallic | 25 | 1:1 |
| 12 | French curve | Wooden | 25 | 1:1 |
| 13 | Hip curve | Wooden | 25 | 1:1 |
| 14 | Assorted irons | Steam and dry irons | 25 | 1:1 |
| 15 | Assorted pins | Metallic | 25 | 1:1 |
| 16 | Tailors chalk | Packets | 25 | 1:1 |
| 17 | Machine sewing needles | Packets | 25 | 1:1 |
| 18 | Hand sewing needles | Metallic | 25 | 1:1 |
| 19 | Bobbins | Metallic | 25 | 1:1 |
| 20 | Bobbin cases | Metallic | 25 | 1:1 |

**BASIC GENTS’ GARMENTS CONSTRUCTION**

**UNIT CODE: 0212 251 03A**

**Relationship to Occupational Standards**

This unit addresses the Unit of Competency:  **Construct basic gent’s garments**

**Duration of Unit:** 150 hours

**Unit Description**

This unit covers the competencies required to construct basic gent’s garments. It involves sketch basic gent’s garments, develop free hand garment pattern pieces, lay and cut garment pieces, construct selected garments, finish constructed garments, display and package garments.

**Summary of Learning Outcomes**

|  |  |  |
| --- | --- | --- |
| **S/No.** | **Learning Outcomes** | **Duration( Hours)** |
|  | Sketch basic gents’ garments | 15 |
|  | Develop freehand garment pattern pieces. | 25 |
|  | Lay and cut garment pieces. | 20 |
|  | Construct selected garment. | 60 |
|  | Finish constructed garment. | 20 |
|  | Display and package garment. | 10 |
| **Totals** | | **150** |

**Learning Outcomes, Content and Suggested Assessment Methods**

|  |  |  |
| --- | --- | --- |
| **Learning Outcome** | **Content** | **Suggested Assessment Methods** |
| 1. Sketch basic garments. | 1. Workshop safety 2. Sketching tools, equipment, materials and supplies 3. Sketching techniques | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Develop freehand garment pattern pieces. | 1. Drafting basic free hand patterns. 2. Development of basic free hand pattern pieces. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Lay and Cut garment pieces. | 1. Cutting tools, equipment, materials and supplies 2. Principles of free hand cutting 3. Free hand cutting techniques 4. Taking body measurements 5. The basic free hand patterns    1. Basic Shirt    2. Basic Shorts    3. Basic Trousers 6. Bundling techniques | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Construct selected garment. | 1. Garment construction tools, equipment, materials and supplies 2. Sewing techniques:    1. Stitches    2. Seams    3. Garment details    4. Handling special fabrics 3. Garments assembling. | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Finish constructed garment. | 1. Garment finishing tools, equipment, materials and supplies 2. Garment finishing methods and techniques | * Practical * Project * Oral assessment * Written assessment * Third party report |
| 1. Display and package garment. | 1. Garment display tools, equipment, materials and supplies 2. Principles of garment displaying 3. Types of garment display 4. Methods of displaying garment. 5. Garment photography 6. Packaging of garments | * Practical * Project * Oral assessment * Written assessment * Third party report |

**Suggested Methods of Instruction:**

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

**List of Recommended Resources:**

**Recommended Resources for 25 Trainees**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/No.** | **Category/Item** | **Description/ Specifications** | **Quantity** | **Recommended Ratio**  (Item: Trainee) |
| **A** | **Learning Materials** |  |  |  |
|  | National occupation Standards (OS) |  | 1 | 1:25 |
|  | Curriculum |  | 1 | 1:25 |
|  | Learning guide |  | 1 | 1:25 |
|  | Session plans |  | 1 | 1:25 |
| **B** | **Learning Facilities & infrastructure** |  |  |  |
|  | Workshop | 50 M2 | 1 | 1:25 |
|  | Lecture/theory room | 40 M2 | 1 | 1:25 |
|  | Tools and Equipment storage facility | 30 M2 | 1 | 1:25 |
| **C** | **Materials and supplies** |  |  |  |
|  | Brown paper | Rolls | 5 | 1:5 |
|  | Plain paper | 5 reams | 5 | 1:5 |
|  | Assorted fabrics | Calico/ jinja fabric | 5 rolls | 1:5 |
| Tetron fabric | 5rolls | 1:5 |
| Dacron fabrics | 3 rolls | 1:8 ; 1:9 |
|  | Assorted interfacing | Rolls | 2 | 1:12.5 |
|  | Assorted stitching threads | Dozens (small) | 25 | 1.1 |
| Cones | 75 | 1:3 |
|  | Personal protective equipment (PPE’S) | Dust coats | 25 | 1:1 |
| Gloves (pairs) | 25 | 1:1 |
|  | Flat closed shoes |  |  |
| **D** | **Tools and Equipment** |  |  |  |
|  | Sewing machines | Straight sewing machine  Zig – zag sewing machine | 25 | 1:1 |
| 2 | Overlock machine | Neatening machine | 3 | 1:8; 1:9 |
| 3 | Hangers | Metallic hangers/ plastic hungers | 5 | 1:5 |
| 4 | Cutting tables | Proper size and height | 13 | 1:2 |
| 5 | Assorted scissors | Cutting shears | 25 | 1:1 |
| Paper scissors | 25 | 1:1 |
| 6 | Tracing wheel |  | 25 | 1:1 |
| 7 | Tape measure |  | 25 | 1:1 |
| 8 | Seam ripper |  | 25 | 1:1 |
| 9 | Metre ruler |  | 25 | 1:1 |
| 10 | 30 centimeter’s ruler | Plastic | 25 | 1:1 |
| 11 | Thimble | Metallic | 25 | 1:1 |
| 12 | French curve | Wooden | 25 | 1:1 |
| 13 | Hip curve | Wooden | 25 | 1:1 |
| 14 | Assorted irons | Steam and dry irons | 25 | 1:1 |
| 15 | Assorted pins | Metallic | 25 | 1:1 |
| 16 | Tailors chalk | Packets | 25 | 1:1 |
| 17 | Machine sewing needles | Packets | 25 | 1:1 |
| 18 | Hand sewing needles | Metallic | 25 | 1:1 |
| 19 | Bobbins | Metallic | 25 | 1:1 |
| 20 | Bobbin cases | Metallic | 25 | 1:1 |