



NATIONAL VOCATIONAL TRAINING INSTITUTE

TESTING DIVISION

TRADE TESTING REGULATIONS AND SYLLABUS

TRADE : FASHION DESIGN

LEVEL CERTIFICATE TWO

Revised – December, 2010. Copyright reserved (NVTI-Testing Division)

CERTIFICATE TWO

A. INTRODUCTION

The review of this syllabus has been generally influenced by the demands of industries due to its continuous change as a result of technological advancement and the changing needs of society. It was also influenced by the TVET reforms under the directions of the new educational reforms with the view to opening up further education and training opportunities to TVET graduates.

The certificate TWO syllabus is designed to respond to the following level descriptors:

QUALIFICATION	KNOWLEDGE LEVEL	SKILLS AND ATTITUDE:
Certificate II	<ol style="list-style-type: none">1. To demonstrate broad knowledge base with substantial depth in area(s) of study.2. To demonstrate a command of analytical interpretation of range of data.3. To present results of study accurately and reliably.	<ol style="list-style-type: none">1. Needs varied skills and competencies in different tasks under various contexts.2. Require a wide range of technical and supervisory skills.3. Would be employed in different contexts.

ii. The syllabus is designed to give higher level competencies and knowledge to trainees from certificate one (1). The level is the true professional entry point for trainees in the fashion industry and increases the individual's capacity for higher learning.

The relevant skills and sound knowledge gained from the certificate one (1) would be built upon for a more complex application and practice of the trade and for further education.

B. GENERAL OBJECTIVE

The objectives of this course is to equip the trainees:

- With higher level systematic training, both theoretically and practically.
- With the ability to interpret designs
- With skills to analyze sketches

C. THE COURSE COMPONENTS

Pattern drafting
Dress Theory
Dress designing
Practical work
Millinery and Accessories
Craft Work

EXAMINATION: The candidates would be examined in the FIVE components listed above.

Practical work must be carefully planned to illustrate application of the theory and to provide maximum opportunity for shop practice, laboratory work and demonstration.

D. KNOWLEDGE AND SKILLS REQUIREMENT

The prime objective of the programme is to provide knowledge and skills of the trade in a manner that will best meet the needs of the trade as well as industries using professional equipments.

E. ENTRY TO THE COURSE

Minimum education: Must have passed the Certificate One (I) examination.

Revised – December, 2010. Copyright reserved (NVTI-Testing Division)

F. ELIGIBILITY FOR ENTRY TO EXAMINATION

Candidates may enter for examination only as internal candidates. That is, those who at the time of entry to the examination are undertaking (or have already completed the course at an approved establishment) and has successfully passed the certificate One (1).

G. EXTERNAL EXAMINERS

The practical work of candidates will be assessed by an external examiner appointed by the Testing Commissioner.

H. EXAMINATION RESULTS AND CERTIFICATES

Each candidate will receive record of performance given the grade of performance for the components taken. These are:

- i) Distinction
- ii) Credit
- iii) Pass
- iv) Referred/Fail

Certificates would be issued to candidates who pass in all the components.

NOTE:

All Technical and Vocational trainees who aspire to take advantage of the opportunities opened to them in the educational reforms should NOTE that, for a trainee to progress to certificate Two (2) a pass in Certificate One (1) is compulsory.

I. APPROVAL OF COURSE

Institutions or other establishments intending to prepare trainees for the Examination must apply to:

THE COMMISSIONER
TESTING DIVISION
NVTI HEAD OFFICE
P. O. BOX MB 21, ACCRA

K. ACKNOWLEDGEMENT

NVTI wishes to acknowledge the preparatory material done by the team of Experts, which have been incorporated into this syllabus.

Mrs. Emelia Boafo, YWCA, Takoradi
Mrs. Grace Kwara, Cape-Coast Technical

Government's desire to improve the lot of Technical/Vocational training, which lead to the preparation of this syllabus, is hereby acknowledged.

RECOMMENDED TEXT BOOKS FOR DRESSMAKING:

- | | | | |
|----|---------------------------------|---|------------------|
| 1. | Dressmaking simplified | - | Valerie I Cock |
| 2. | Needlework for School | - | Melita M. Neal |
| 3. | Basic Needlework | - | Winifred M. Bull |
| 4. | Macalls Sewing books in colours | - | Hamyln |
| 5. | Pattern Cutting | - | Margaret Miller |

CERTIFICATE TWO

TRADE THEORY

TASK	CRITICAL POINTS	SUB POINTS
1.0 TOOLS AND EQUIPMENTS	1.1 Reference of certificate on syllabus 1.2. Sewing tools Sewing machine, needles, pins, pin cushion, machine attachment	1.2 Handling and manipulation of tools and equipments, e.g. making out, cutting, pressing, fitting sewing aids supply, etc. 1.2.2 Types and parts of the sewing machine 1.2.3 Identification and uses of needles, pins, etc. 1.2.4 Identification and uses of various machine attachment. E.g. quilter, hemmer, zig-zag foot button hole foot etc.
2.0 OPENINGS AND PLACKET	2.1. Reference to certificate one syllabus 2.2. Advanced work on opening i.e. continuous wrap opening box pleats opening or fly front.	2.2 - Do - 2.2.2 Processes of making the various openings
3.0 POCKETS	3.1. Reference to certificate one 3.2. More advance work on pocket e.g. welt, bound, flap, etc.	3.2. - Do - 3.2.2. Processes of making the various pocket in specimen
4.0 SLEEVE CUFFS	4.1 Types of sleeve cuffs e.g. frills, shirt cuffs, flounce, etc.	4.2 - Do - Processes of joining the various cuffs to the sleeve in specimen

TASK	CRITICAL POINTS	SUB POINTS
5.0 TEXTILES	5.1 Types of natural fibres Recap on certificate one 5.2. Regenerated fibre – rayon Synthetic – polyester, nylon polyamide etc. inking, lacing, overcasting, etc.	5.2. – Do - 5.2.2. Manufacturing process of natural and man-made fibres 5.2.3 History, sources, properties, characteristics, fabric finishes 5.2.4. Testing of fibre e.g. burning chemical feeling etc. 5.2.5 Sewing problems
6.0 OPENING AND PLACKET	6.1 Types of opening sketches on variation of opening and plackets. E.g. Triplets opening Vent opening, Fly front Opening, Box pleats Opening, etc.	6.2 Purpose of opening in garments. - Choice and rules for making. - Demonstration and process of marking and preparing opening and placket in specimen

CERTIFICATE TWO – DESIGNING

TASK	CRITICAL SKILLS	SUB SKILLS
1.0 LINES	1.1. Drawing and label line e.g. dotted line, broken line, curve, etc.	1.2.1 Discussion on formation on lines
2.0. SHAPES	2.1. Sketches of various shapes e.g. H-Shape – big stomach A shape – Small shoulder, large hip X-small waist hip with average shoulder length. V-small at the hip more at the shoulder, etc.	2.2.1 Understanding the principle of shape. 2.2.2 Style to use and avoid of the various shapes.
3.0. FIGURE TYPES	3.1.1 Illustration on figures e.g. Proportion of figure – tall, slim, fat, etc.	3.2.1. Sketches on various figures
4.0. COLOURS	4.1. Primary colour, secondary colour and tertiary colour.	4.2.1. Definition of colours and drawing the colour wheel chart.
5.0. TEXTURE OF FABRIC	5.1. Kinds of textures, e.g. Shiny, coarse, smooth, soft etc.	5.2.1. Knowing the effect of texture on figures
6.0. EMPHASIS	6.1. Knowing the focal point of a design E.g. Appliqué, embroidery work, motives pocket, etc.	6.2. Point out emphasis on garment
7.0. BALANCE	7.1. Types of balance e.g. Asymmetric designs, symmetric designs, etc.	7.2.1 Illustration on symmetric and asymmetric design
8.0. PROPORTION	8.1. Illustration of proportion in garment. E.g. Sleeves, pocket, York collar, etc.	8.2.1. Sketches on various sections of garment
9.0 HARMONY	9.1. Explain the term harmony e.g. flounce in skirt should correspond with the blouse. Colour – Sea blue matching with deep blue	9.2.1. Importance of harmony in garment
10.0 RHYTHM	10.1 Explain the term Rhythm.	10.2.1 Importance and effect on Rhythm in a garment

PATTERN DRAFTING/PRACTICALS

TASK	CRITICAL SKILLS	SUB SKILLS	INSTRUCTIONAL TECHNIQUE
1.0 ADAPTATION OF SKIRT AND BODICE BLOCKS	1.1 Types of skirt and blouse with advanced style line, e.g. Midriff, empire, saddle yoke, rap over, etc.+9+	1.2 Adaptation and cutting of various skirt and blouse style in specimen.	
2.0 LAY-OUT-CUTTING-OUT ON SPECIAL FABRICS	2.1 Types of special fabric e.g. Velvet, silk, chiffon, etc.	2.2 Preparation of fabric e.g. Placing patter pieces pinning and cutting - Understanding the various ways of handling special fabric	
3.0 SLEEVE	3.1 Recap of certificate one detail work on sleeves e.g. Epaulet, Raglan, Kimono, crossover, strap, etc.	3.2 Preparation of fabric e.g. Placing patter pieces pinning and cutting - Understanding the various ways of handling special fabric.	
4.0 COLLARS	4.1. Recap of certificate one advance collar styles in specimen E.g. Turn-over – roll with rever training roll collar two piece collar	4.2 Preparation of fabric e.g. Placing patter pieces pinning and cutting - Understanding the various ways of handling special fabric	
5.0 ARRANGEMENT OF FULLNESS	5.1 Recap of certificate one syllabus Advanced process e.g. cartridge and dart crystal, sun ray etc. Accordion pleat etc. Smocking Shirring	2.2 Preparation of fabric e.g. Placing patter pieces pinning and cutting - Understanding the various ways of handling special fabric .	
6.0 TROUSERS	6.1 Parts of trousers E.g. Waist • Body rise/hip depth • Seat • Leg seam • Bottom	6.2 Using skirt block for adaptation of trousers	

MILLINERY

TASK	CRITICAL POINTS	SUB POINTS
1.0 FOUNDATION MATERIAL	1.1 Canvas, Vilene, foam, buckram	1.2.1 Identification and uses 1.2.2. Methods and application
2.0 FABRICS	2.1. Recap of Certificate One Syllabus	2.2. Discuss choice of fabric for suitable hat
3.0 LINING AND SWEATBAND	3.1. Types of lining. E.g. Taffeta, leno, polyester, etc.	3.2.1. Application of lining and sweatband
4.0. STRAWS AND SOURCES OF STRAWS	4.1. Types of straws for making hat. E.g. Fine straw from Panama (country), Bangkok from Siam Baku and Sisal from Russia	4.2.1. Making had out of straws
5.0. TRIMMINGS	5.1. Types of trimmings: E.g. Feather, bow tie, brooches, rosette, etc.	5.2.1. Application of trimmings to hats
6.0. DOOMS	6.1. Types of dooms: E.g. Pill box, cloche, oval shape, flat top, Breton, etc.	6.2.1. Identification and uses of dooms 6.2.2. Demonstrate the process of blocking had that is using the various doom

CRAFT WORK

TASK	CRITICAL SKILLS	SUB SKILLS
1.0. HANDICRAFT	1.1. Prepare more advance work on handicraft. E.g. Occasional bag, babies carrier, shoe rag	1.2. Understanding the principles of preparing the various handicraft

CERTIFICATE TWO - SCIENCE AND CALCULATION

TASK	CRITICAL SKILLS	SUB SKILLS
1.0 FRACTIONS	1.1 Types of fractions <ul style="list-style-type: none">- Common fraction- Decimal fraction- percentages fraction	1.1.1 Work examples of fraction using knowledge in Addition, Subtraction, Division and Multiplication. Recap from cert one.
2.0 METRIC SYSTEM	2.1 Convention of units (SI unit)	2.1.1 Convention of millimetre to centimetre to inches, inches to yard, metres to yard etc.
3.0 PERIMETER AND AREA OF PLANE FIGURES	3.1 Rectangle and square <ul style="list-style-type: none">- Triangle and circles- Trapezium and kite	3.1.1 Trainees will show how to draw, calculate the perimeter and area of a plane figure.
4.0 INSURANCE	4.1 Types of Insurance <ul style="list-style-type: none">- How to calculate the Insurance premium.- Insurance value (the money given to the insurer)	4.1.1 Explain the term insurance - Invite a resource person to give talk on insurance and benefits.

CERTIFICATE TWO - SCIENCE AND CALCULATION

TASK	CRITICAL POINTS	SUB POINTS
5.1 COMMISSION	5.1 Work sample calculation - On commission e.g. A sales girl is given a commission of 3% in a month, if she made sales of GH¢5.00, what is her commission.	5.1.1 Illustrate how to work out simple additions and subtractions.
6.0 VAT	6.1 Calculation of basic cost - VAT exclusive cost - VAT inclusive cost - VAT RATE	6.1.1 Guide trainees to do calculations
7.0 FABRIC ESTIMATION	7.1 Estimation for material required for making up garment	7.1.1 Illustrate how to estimate an amount of fabric need for the following, - Skirt, Blouse, sleeve (long /short dresses. Etc.

TASK	CRITICAL POINTS	SUB POINTS
8.0 PRICING AN ARTICLE OR GARMENT AND ADVERTISEMENT	<p>8.1 Point to consider when pricing</p> <p>Garment/articles</p> <ul style="list-style-type: none"> - Material use - Trimmings use - Labour cost - Profit <p>8.2 Types of advertisement e.g. radio, television, magazine, posters etc.</p> <ul style="list-style-type: none"> - Importance of advertisement 	<p>8.1.1 Discuss with trainees the following</p> <ul style="list-style-type: none"> i. Personal measurement ii. Amount of the fabric, lining use, zips, button, and ribbon. iii. Labour cost: cutting, sewing, overheads etc. <p>8.2.2 Guide trainees to design a poster to advertise products or shop</p> <ul style="list-style-type: none"> - Discuss with trainees how customers or public can obtain information about product/ location
9.0 IDENTIFICATION OF FABRICS	<p>9.1 state the types</p> <ul style="list-style-type: none"> - Method of application 	<p>9.1.1 Illustrate the use of the method given.</p> <p>9.1.2 Microscope test</p> <ul style="list-style-type: none"> • Chemical test • Burning test

CERTIFICATE TWO - TRADE DRAWING

TASK	CRITICAL SKILLS	SUB SKILLS	INSTRUCTIONAL TECHNIQUES
1.0 TOOLS AND EQUIPMENT	1.1 Draw tools and equipment 1.2 Label parts of sewing machine	Drawing of tools and equipment: *Sewing machine *Ironing board *Needle board *Sleeve board *Machine attachment *Dress stand *Tailor's ham	Demonstrate to learners how to draw various tools and equipment. Assist trainees to draw and label the parts of the sewing machine
2.0 OPENINGS	2.1 Draw various types of openings	*Drawing of openings. *Box pleat opening *Fly front opening *Triplets opening *Vent opening	Demonstrate to learners how to draw various openings in stages
3.0 FASTENERS	3.1 Draw various methods of inserting zipper.	*Concealed *Semi concealed *Visual	Demonstrate to learners how to draw the various processes in diagrams
4.0 SLEEVES	4.1 Draw various types of sleeves and cuff	Drawing of sleeve: * Epaulet * Raglan *Kimono *Crossover *Strap sleeve *Two piece sleeve *Drawing of cuffs: *Frills *Shirt cuffs *Flounce	Demonstrate to trainees how to draw the various sleeves. Demonstrate to learners how to draw the various cuffs.

CERTIFICATE TWO – TRADE DRAWING

TASK	CRITICAL SKILLS	SUB SKILLS	INSTRUCTIONAL TECHNIQUES
5.0 SEAMS	5.1 Draw seams	Drawing of seams: *Welt seam *Run and fell/machine & fell *Overlaid seam *Cross seam	Assist trainees to illustrate the process of making the various seams in stages.
6.0 ARRANGEMENT OF FULLNESS	6.1 Draw types of fullness	Drawing of fullness: *French dart *Tuck dart *Accordion pleat *Tucks *Sun ray *Smocking *Shirring	Demonstrate to trainees how to draw the various fullness.
7.0 COLLARS	7.1 Draw types of collars	Drawing of collars: *Roth collar *Face framing *Tunic collar	Demonstrate to trainees how to draw the various collars
8.0 SKIRT AND BLOUSE	8.1 Adapt styles	Adaptation of skirt and blouse: *Flare skirt *Gore skirt *Panel skirt *Rap over *Empire *Midriff *Saddle *Yoke	Demonstrate to trainees how to adapt the various style lines
9.0 SKIRT	9.1 Sketch types of skirts	Sketching of skirts: *Gore *Panel *Rap over *Water fall *Gathered *Pleated	Demonstrate to trainees how to sketch the various skirts

CERTIFICATE TWO - TRADE DRAWING

TASK	CRITICAL SKILLS	SUB SKILLS	INSTRUCTIONAL TECHNIQUES
10.0 BLOUSE	10.1 Sketch types of blouses	Sketching of : *Blouses *Peplums *French fitted bodice	Demonstrate to trainees how to sketch the various blouses
11.0 NECKLINE	11.1 Sketch types of neckline	Sketching of neck:: *Cowl neck *Build up neck *Bateau neck	Assist trainees to sketch the various necklines.
12.0 SLIT	12.1 Sketch types of slit	Sketching of slits: *Panel slit *Diagonal pieces slit *Pleated slit *Gathered slit	Assist trainees to sketch the various slits.
13.0 TROUSERS	13.1 Design types of trousers	Designing of trousers: *Plain top *Pleated top	Demonstrate to trainees how to design the various trousers
14.0 LAYOUT OF FABRIC	14.1 Construct the layout pattern pieces on a fabric	Constructing of layout: *Straight grain *Weft grain *Cross grain	Demonstrate to trainees how to construct a rectangle of laying out pattern pieces on the various grain of fabric.
15.0 SHAPING MATERIAL	15.1 Attach shaping materials	Attaching of shaping material: *Lining *Interlining *Underlining *Interfacing	Demonstrate to trainees how to draw the various processes of applying shaping materials into a garment.
16.0 TEXTILES (WEAVING)	16.1 Sketch types of weaves.	Sketching of weaves: *Plain weave *Twill weave *Satin weave	Demonstrate to learners how to sketch the diagram of various weaves.

CERTIFICATE TWO - TRADE DRAWING

TASK	CRITICAL SKILLS	SUB SKILLS	INSTRUCTIONAL TECHNIQUES
17.0 FIBRES	17.1 Draw types of fibres	Drawing of fibres: *Cotton *Linen *Wool *Silk *Nylon	Assist trainees to draw the various appearance of fibres under microscop.

COURSE WORK/ASSESSMENT FOR CERTIFICATE TWO (2)

- a) Slit and Kaba
- b) Trousers and shirt with long sleeve
- c) Occasional wear and its accessories, that is hat, bag and necklace
- d) Bed sheet and two pillow cases with embroidery
- e) 2 craft work e.g. soft toys, bead work
- f) A specimen book containing samples of fabrics, linen, wool, silk, rayon, synthetic and blended and mixture fabric
- g) A specimen book with advanced standard of sewing and finishing.
 - E.g. Pocket
 - Collar
 - Waist finishes
 - Decorative facing on necklines
 - Sleeve with cuff and band
 - Slit and Kaba in vogue
 - Occasional wear

TOOLS AND EQUIPMENTS

Electric Sewing Machine

Hand Sewing Machine

Treadle Machine

Knitting machine

Overlock machine

Cutting table

Unpolished top

Scissors

Pinking Shears

Nails

Thimble

Thread

Tape Measure

Pins

Iron

Ironing Board

