

NTC
CONTENT DEVELOPMENT FOR TEXTILES

	Content Areas	Competencies	Descriptive statement	Course Objectives/Outcomes (Dok)				Total
				Level 1 (Recall)	Level 2 (Skills)	Level 3 (Strategic Thinking)	Level 4 (Extended Thinking)	
1	RATIONALE FOR STUDYING TEXTILES	<ul style="list-style-type: none"> Recognise the reasons and cultural values for studying textiles Demonstrate knowledge of the various careers in Textiles. Demonstrate knowledge about Renowned Indigenous and contemporary textile artists. 	<ul style="list-style-type: none"> Identify reasons for studying Textiles outline the cultural values one learns from studying textiles State the positive competencies the textile graduate must possess. List and explain the career paths in the study of textiles Categorise renowned textile artists in Ghana according to their speciality. 	1	1	2	1	5
2	HISTORY OF TEXTILES	<ul style="list-style-type: none"> Demonstrate knowledge and understanding of the genesis Textiles around the Globe 	<ul style="list-style-type: none"> Examine the history of textiles in Africa Compare the development of textiles in Ghana to other African countries. 	0	3	3	2	8

3	FIBRES AND YARN	<ul style="list-style-type: none"> • Demonstrate knowledge in the classification of fibres. • Demonstrate understanding of the processing of fibres • Be aware of the uses of yarns 	<ul style="list-style-type: none"> • Define what fibre is. • Explain the various classifications of fibres. • State the properties of the fibres • Compare the uses and characteristics of different fibres • Differentiate between a fibre and a yarn • List types of yarns • Describe how to make yarn using fibres. • Make yarns from fibres 	4	4	3	3	14
4	FABRIC CONSTRUCTION TECHNIQUES	<ul style="list-style-type: none"> • Identify tools and materials used in fabric construction. • Distinguish between fabric construction techniques • Construct items using the various fabric construction techniques 	<ul style="list-style-type: none"> • Name tools and materials used in fabric construction • Label the parts of a loom • Explain the fabric construction techniques • State examples of fabric construction techniques • Connect the similarities and differences between fabric construction techniques. • Apply concepts of the loom accessories and construct a table loom for weaving. • Design prototypes of three-dimensional artefacts • Construct an artefact using any of the fabric construction techniques. 	2	5	5	5	17

5	FABRIC DECORATION TECHNIQUES	<ul style="list-style-type: none"> • define the various fabric decoration techniques and their relationship in Textiles • demonstrate knowledge in the integration of fabric decoration techniques 	<ul style="list-style-type: none"> • What is fabric decoration in the field of Textiles? • Mention fabric decoration techniques. • Explain each of the fabric decoration techniques. • Discuss the importance of decorating fabrics in textiles. • Compare the relationship between fabric construction and fabric decoration in Textiles. • Demonstrate understanding of decorating fabrics using the various techniques of fabric decoration. • Integrating some fabric decoration techniques to produce textile artefacts. 	2	3	3	5	13
6	DYES AND MORDANTS	<ul style="list-style-type: none"> • State type of dyes and mordant used in Textiles • Demonstrate skills in the preparation and use of dyes in dyeing materials. 	<ul style="list-style-type: none"> • Define what a dye as used in textiles is. • Summarise the historical background of synthetic dye invention in the field of textiles around the globe. • Describe types of dyes and mordants as used in textile dyeing processes. • Classify mordants according to their affinity with fabric types. • Classify dyes according to their affinity with fabric types. • State tools and materials needed when preparing a dye solution for dyeing. • List two chemicals that enhance dye affinity and 	2	2	3	6	13

			<p>penetration when dyeing fabrics.</p> <ul style="list-style-type: none"> • Convert an insoluble dye to its solubility state. • Identify plant dyes and explain the extraction processes. • Demonstrate how to use locally extracted dyes from the environment in dyeing fabrics. 					
7	EXPLORATION OF INDIGENOUS TEXTILE PRODUCTS IN GHANA	<ul style="list-style-type: none"> • List types of indigenous textile products in Ghana. • Demonstrate knowledge of the characteristic features and techniques of Indigenous woven fabrics in Ghana. 	<ul style="list-style-type: none"> • Identify indigenous textile fabrics in Ghana. • Indicate towns in Ghanaian where indigenous woven textiles are made. • State the production techniques of woven fabrics in Ghana. • Critique the aesthetic qualities of the Ewes and Ashanti Kente fabrics in Ghana. • Connect the weaving techniques of the Northern Smock with that of the Kente fabrics in Ghana. • Make innovative designs to enhance the structure of woven fabrics in Ghana. • Prove the socio-cultural importance of indigenous woven fabrics in Ghana. 	1	2	3	3	9

			<ul style="list-style-type: none"> • Design and weave pieces of Kente and the Smock fabrics using traditional looms. 					
8	IDEATION AND DESIGNING IN TEXTILES (MANUAL AND COMPUTER-AIDED DESIGNS)	<ul style="list-style-type: none"> • Illustrate the concept of idea development in Textile Designing • List the various computer software for textile designing • Develop textile designs using computer-aided software. 	<ul style="list-style-type: none"> • Explain the concept of ideation in textile design. • Explore sources of textile design creation inspirations. • Organise both natural and artificial designs to create designs. • Identify computer software that is used in creating textile designs. • Explain how each software is used in designing • Create textile designs using computer 	1	2	2	2	7
9	PORTFOLIO BUILDING AND EXHIBITION	<ul style="list-style-type: none"> • List the types of portfolios and their importance to a Textile teacher. • List the types of exhibitions and their importance to a Textile teacher. • Design and create a portfolio 	<ul style="list-style-type: none"> • Define what an educational portfolio is. • State types of portfolios. • Discuss the importance of a portfolio to a textile teacher and students. • Examine factors to consider when building a portfolio. • Design and construct different types of portfolios. • Explain the concept of an exhibition in textiles. • Discuss the relevance of an exhibition in textiles. • Plan and exhibit textiles artefacts. • Apply the knowledge of appreciation and criticism in talking about exhibits. 	1	2	4	2	9

10	SUSTAINABLE DEVELOPMENT AND ENTREPRENEURIAL PRACTICES	<ul style="list-style-type: none"> • Demonstrate knowledge in setting and managing a textile enterprise • Demonstrate understanding of marketing Textile products 	<ul style="list-style-type: none"> • Explain the concept of sustainable development and entrepreneurial practices. • Identify factors to consider when setting up textile enterprises. • State and explain factors to consider when managing a textile enterprise. • Analyse and find solutions to factors affecting young textile graduates in establishing and managing enterprises in Ghana. 	1	1	2	1	5
Total				15%	25%	30%	30%	100%

	CONTENT AREAS	TABLE OF SPECIFICATIONS FOR TEXTILES				Total
		Level 1 (Recall)	Level 2 (Skills/Concepts)	Level 3 (Strategic Thinking)	Level 4 (Extended Thinking)	
1	RATIONALE FOR STUDYING TEXTILES	1	1	2	1	5
2	HISTORY OF TEXTILES	0	3	3	2	8
+3	FIBRES AND YARN	4	4	3	3	14
4	CONTEMPORARY AND INDIGENOUS FABRIC CONSTRUCTION TECHNIQUES	3	7	8	8	26
5	FABRIC DECORATION TECHNIQUES	2	3	3	5	13
6	DYES AND MORDANTS	2	2	3	6	13
7	IDEATION AND DESIGNING IN TEXTILES (MANUAL AND COMPUTER-AIDED DESIGNS)	1	2	2	2	7
8	PORTFOLIO BUILDING AND EXHIBITION	1	2	4	2	9
9	SUSTAINABLE DEVELOPMENT AND ENTRPRENEURIAL PRACTICES	1	1	2	1	6
Total		15%	25%	30%	30%	100%