

Textile Technology 12

Outcomes

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Learning Outcomes

Students will be expected to

1. discern the production methods and properties of various fibres, yarns and fabrics
2. identify, understand and apply the elements and principles of design to create aesthetic works
3. demonstrate skills related to selecting and using textile construction tools
4. plan and create project(s) that demonstrate production skills and techniques
5. critically analyze the aesthetic and cultural impact of textiles
6. identify the life-work benefits of developing skills in textile creation and production
7. plan, produce, and present a summative textile work that demonstrates personal expression and skill development

Specific Curriculum Outcomes

Students will be expected to

Unit 1: Creating Fabrics

- 1.1 describe the sources of specific natural, synthetic and manufactured fibres
- 1.2 demonstrate an understanding of the properties and performance of fibres, yarns, and fabrics
- 1.3 research and explore evolution of fibres to fabrics

Unit 2: Elements and Principles of Textile Design

- 2.1 define and investigate the elements and principles used in the design of textile works
- 2.2 create a textile aesthetic and reflect on the relevant elements and principles of design

Unit 3: Textile Construction Tools

- 3.1 identify and demonstrate effective use of textile tools and equipment
- 3.2 demonstrate safe use of tools and equipment and appropriate conduct in the textile laboratory environment
- 3.3 practice suitable care and maintenance of textile tools and equipment
- 3.4 explain factors affecting consumer decisions when purchasing textile tools and equipment

Unit 4: Textile Production

- 4.1 effectively use language associated with textile production
- 4.2 compare and contrast standards of quality in textile production
- 4.3 demonstrate skills and techniques used in textile design and/or drafting
- 4.4 demonstrate informed preparation skills for textile production
- 4.5 accurately interpret the language and symbols used in commercial patterns
- 4.6 identify and select suitable notions and materials for use in textile production
- 4.7 explore and effectively use textile production and embellishment techniques

Unit 5: Aesthetic and Cultural Appreciation

- 5.1 investigate the evolution of various textile processes
- 5.2 analyze and anticipate the diverse impacts of textiles on culture(s)

Unit 6: Life Work Skills

- 6.1 explore opportunities related to textile creation and production for the individual, community, and industry
- 6.2 reflect on the benefits associated with textile creation and production

Unit 7: Independent Study

- 7.1 demonstrate resource management skills and innovation in developing a plan for a summative textile work
- 7.2 effectively execute their plan demonstrating developed skills and knowledge
- 7.3 share and reflect on their summative textile work