

INTRODUCTION TO TEXTILES

This subject provides a basic understanding of fibers and yarns in textiles formation. Students are taught the fundamentals of knits and weaves, and to identify fabric by names through visual identification and their intrinsic characteristics. Students' understanding of textiles include production processes and developments in the industry. Virtual field trips includes visits to mills and testing laboratory. This is a fundamental foundation for anyone in the fashion industry.

Merchandisers, Designers, Product Developers, Purchasers, Procurement Officers, Quality Control Auditors/Inspectors, Sample Maker and Production Personnel often has problems in identification of fabrics and pre-empting issues relating to materials due to lack understanding of material knowledge, its characteristics, limitations and the varied processes. Thus a good understanding of textiles is a critical competency required for the incumbent in the effective delivery of their job functions.

PERFORMANCE OUTCOMES

- Understand and select fiber specifications based on their characteristics
- Recognize yarn type and compute its yarn size equivalent in selected yarn sizing system (Direct or Indirect System)
- Able to understand fabric specifications which covers fiber, fabric name, fabric weight, yarn size, construction, fabric width
- Able to identify fabric visually using common industry and commercial terms
- Learn various fabric's coloration and finishing method and how it impact on lead-time and material quality
- Conduct a risk analysis of selected textile used for apparel and provide recommendations for alternatives

ENTRY REQUIREMENT

- Currently working in the apparel industry or aspire to work in the apparel industry
- Possess university, diploma or high school certificate
- Ability to read, write and comprehend English proficiently
- Basic computing skills and knowledge of Microsoft office

COURSE FEE

Non-GMAC Members	USD\$380.00
GMAC Members	USD\$330.00

COURSE DURATION

Training Hours	32
Assessment Hours	2
Total Hours	34

GRADUATION REQUIREMENTS

Student must fulfil the following requirements:

- 75% attendance rate of total training hours per module
- Assessed and be competent for every module

CERTIFICATE ISSUANCE

Upon successful completion of the course, student will be awarded the CGTI Certification which is nationally endorsed and recognised by industry partners.

ATTITUDE AND KNOWLEDGE

- Fiber types
- Yarn types
- Yarn sizing system
- Fabric construction (wales and course, gauge, number of yarns on the warp and weft)
- Fabric types
- Dye types, characteristics and dyeing methods
- Print types and printing methods
- Finishing types and finishing methods
- Common fabric problems, root cause analysis and possible solutions

WHO SHOULD ATTEND

- Assistant Merchandisers to Merchandise Managers
- Marketing Executives and Managers
- Product Development Executives and Managers
- Sourcing Executives and Managers
- QA Auditors, QC Inspectors and QA/QC Managers
- Assistant Designers and Designers
- Assistant Buyers and Buyers
- Industrial Engineers, Work Study Officers
- Tailors
- Laundry Operators

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APPLY NOW

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