



9125
INTRODUCTION TO
FASHION DESIGN AND
TECHNOLOGY (10)

20S/20E/20M

A Fashion Design and Technology Course

9125: INTRODUCTION TO FASHION DESIGN AND TECHNOLOGY 20S/20E/20M

Course Description

This course is designed for students who are interested in fashion. Students study the elements and principles of design and the evolution of fashion. Students will design and construct a final garment incorporating techniques from the sewing and patternmaking portfolios created.

Goal 1: Describe and apply **health and safety** practices.

GLO 1.1: Describe and apply appropriate **health and safety** practices.

- SLO 10.1.1.1: Demonstrate adherence to safe practices and procedures for facilities, processes, tools, and equipment.
 - SLO 10.1.1.2: Describe the common unsafe acts and unsafe conditions that cause accidents.
 - SLO 10.1.1.3: Describe how to handle unsafe acts and conditions.
 - SLO 10.1.1.4: Explain how to work safely in and around the fashion lab setting.
 - SLO 10.1.1.5: Demonstrate the proper use of sewing machines, sergers, and pressing equipment.
 - SLO 10.1.1.6: Demonstrate the proper use of cutting tools.
 - SLO 10.1.1.7: Prepare a job hazard safety analysis.
 - SLO 10.1.1.8: Describe the safety requirements for using powered and hand tools common to fashion.
 - SLO 10.1.1.9: Demonstrate and describe the procedures used to handle any chemicals.
 - SLO 10.1.1.10: Follow safety procedures when using domestic and industrial sewing machines and sergers.
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Goal 2: Identify, select, describe, use, and manage **equipment, tools, and materials.**

GLO 2.1: Identify, select, describe, use, and manage **equipment, tools, and materials.**

SLO 10.2.1.1: Identify, select, use, and manage equipment, tools, and materials.

SLO 10.2.1.2: Demonstrate competence in using industrial sewing machines.

SLO 10.2.1.3: Demonstrate competence in using industrial serger machines.

Goal 3: Demonstrate the transferable cross-curricular knowledge and skills related to **reading, interpreting, and communicating** information relevant to fashion.

GLO 3.1: Demonstrate the cross-curricular knowledge and skills related to **reading, interpreting, and communicating** information relevant to fashion.

SLO 10.3.1.1: Demonstrate an awareness of the anatomy of a garment.

SLO 10.3.1.2: Use terminology related to fashion.

Goal 4: Demonstrate an awareness of **historical influences, technological progression, and emerging trends** as inspirational sources for design.

GLO 4.1: Describe **historical influences, technological progression, and emerging trends** as inspirational sources for design.

SLO 10.4.1.1: Describe historical influences on the evolution of fashion.

SLO 10.4.1.2: Demonstrate an awareness of emerging trends in fashion.

Goal 5: Demonstrate an understanding of the characteristics, properties, and end use of **textiles**.

GLO 5.1: Demonstrate an understanding of the characteristics, properties, and end use of **textiles**.

SLO 10.5.1.1: Demonstrate an awareness of appropriate garment care specific to fibre content and fabric construction.

SLO 10.5.1.2: Compare and contrast natural and synthetic fibres.

SLO 10.5.1.3: Differentiate between fibre, yarn, and fabric.

SLO 10.5.1.4: Distinguish between weave, knit, and felting.

SLO 10.5.1.5: Describe the differences among

- crosswise grain
- lengthwise grain
- bias
- selvage
- raw edge

SLO 10.5.1.6: Compare and contrast

- basic weave
- twill weave
- satin weave

Goal 6: Demonstrate an understanding of the **design process** through the implementation of various artistic renderings.

GLO 6.1: Apply cross-curricular knowledge and skills from **the arts** in design conceptualizations.

SLO 10.6.1.1: Demonstrate an awareness of the fundamentals of design, including the elements and principles.

SLO 10.6.1.2: Recognize the fundamentals of design (including the elements and principles) in artistic renderings.

GLO 6.2: Select appropriate textiles for the end product.

SLO 10.6.2.1: Select appropriate textiles for the end product.

GLO 6.3: Illustrate and render design conceptualizations.

SLO 10.6.3.1: Illustrate and render design conceptualizations on a croquis template.

Goal 7: Demonstrate an understanding of **garment patterning techniques**.

GLO 7.1: Demonstrate an understanding of the **flat pattern** method.

SLO 10.7.1.1: Use the flat pattern method to create a garment pattern.

SLO 10.7.1.2: Create a patternmaking portfolio that includes the following:

- facings
- waistband
- dart manipulation
 - slash
 - pivot
 - gore
 - yoke
- patch pocket
- gathers

SLO 10.7.1.3: Demonstrate pattern labelling:

- symbols
 - grainlines
 - closures
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GLO 7.2: Demonstrate an understanding of **pattern drafting**.

No applicable SLOs.

GLO 7.3: Demonstrate an understanding of the art of **draping**.

No applicable SLOs.

Goal 8: Demonstrate an understanding of **garment construction** based on industrial standards.

GLO 8.1: Create a **pattern layout**.

SLO 10.8.1.1: Create a pattern layout.

GLO 8.2: Create a sewing portfolio.

SLO 10.8.2.1: Demonstrate the skills required to create a sewing portfolio that includes the following:

- patch pocket
- gathers
- under stitch
- edge stitch
- top stitch
- fusing
- centre slot zipper
- basic straight seam
- basic curved seam
- serging
- machine embroidery
- grommet application
- trim
 - hand application
 - machine application
- lap seam
- basic gather
- single-ended dart
- button sewing
- hand sewing
 - running stitch
 - slip stitch
 - button application

GLO 8.3: Construct a muslin.

SLO 10.8.3.1: Demonstrate an awareness of muslins.

GLO 8.4: Construct a final garment.

SLO 10.8.4.1: Construct a final garment incorporating skills from sewing portfolio and patternmaking portfolio.

GLO 8.5: Demonstrate **finishing** of garments.

SLO 10.8.5.1: Demonstrate care of garments.

SLO 10.8.5.2: Demonstrate finishing of a final garment including the following:

- steaming
- pressing
- trimming threads

Goal 9: Demonstrate an understanding of the application of **embellishing techniques** to the surface of textiles.

GLO 9.1: Demonstrate an understanding of the application of **embellishing techniques** to the surface of textiles.

SLO 10.9.1.1: Demonstrate an awareness of embellishing options.

Goal 10: Demonstrate an awareness of **sustainability**.

GLO 10.1: Demonstrate an understanding of **human sustainability**.

SLO 10.10.1.1: Demonstrate an awareness of the purpose and benefits of clothing and fashion to consumers.

SLO 10.10.1.2: Define *human sustainability*.

SLO 10.10.1.3: Demonstrate an understanding of the socio-psychological aspects of fashion.

GLO 10.2: Describe the fashion industry's **sustainability practices and impact on the environment**.

No applicable SLOs.

GLO 10.3: Describe **sustainable business practices** in the fashion industry.

SLO 10.10.3.1: Demonstrate an understanding of which practices help businesses stay in business.

Goal 11: Demonstrate an awareness of **ethical and legal standards**.

GLO 11.1: Demonstrate an awareness of **ethical and legal standards**.

SLO 10.11.1.1: Demonstrate an awareness of ethics.

SLO 10.11.1.2: Demonstrate an awareness of the ethical considerations of purchasing offshore garments.

Goal 12: Describe and demonstrate other transferable **cross-curricular** knowledge and skills relevant to fashion.

GLO 12.1: Apply knowledge and skills from **mathematics** relevant to fashion.

SLO 10.12.1.1: Demonstrate skills in measurement and geometry relevant to fashion.

SLO 10.12.1.2: Demonstrate skills in manipulating fractions, decimals, ratios, and percentages, and converting to and from metric and standard measurements.

GLO 12.2: Apply knowledge and skills from **other subject areas** (physical education/health education, psychology, social studies) relevant to fashion.

SLO 10.12.2.1: Demonstrate an awareness of the relationship between fashion and self-esteem.

Goal 13: Describe and demonstrate **employability skills**.

GLO 13.1: Demonstrate fundamental **employability skills**.

SLO 10.13.1.1: Demonstrate regular and punctual attendance.

SLO 10.13.1.2: Demonstrate the ability to communicate respectfully and effectively with teachers, supervisors, co-workers, and students.

SLO 10.13.1.3: Demonstrate accountability by taking responsibility for own actions.

SLO 10.13.1.4: Demonstrate adaptability, initiative, and effort.

SLO 10.13.1.5: Demonstrate teamwork skills.

SLO 10.13.1.6: Demonstrate the ability to stay on task and effectively use time in class and work environments.

SLO 10.13.1.7: Demonstrate the responsible use of wireless communication devices.

SLO 10.13.1.8: Demonstrate the ability to meet deadlines.

GLO 13.2: Demonstrate an awareness of **cultural proficiency** and its importance in the workplace.

SLO 10.13.2.1: Define and demonstrate an understanding of the meaning of culture.

GLO 13.3: Demonstrate an understanding of **business operations** within the fashion industry.

No applicable SLOs.

GLO 13.4: Demonstrate **critical thinking skills**.

SLO 10.13.4.1: Demonstrate an awareness of the need for critical thinking.

SLO 10.13.4.2: Demonstrate an awareness of the need for problem-solving skills.

Goal 14: Demonstrate an understanding of the **fashion industry**.

GLO 14.1: Describe the **scope** of the **fashion industry**.

SLO 10.14.1.1: Demonstrate an understanding of the scope of fashion design and technology.

GLO 14.2: Demonstrate an awareness of **educational and career opportunities**, as well as **industry associations**.

SLO 10.14.2.1: Demonstrate an understanding of the scope of careers in fashion.

GLO 14.3: Demonstrate an understanding of **working conditions** in the fashion industry.

SLO 10.14.3.1: Describe the working conditions related to different occupations in fashion.
