



9124

EXPLORATION OF  
FASHION DESIGN AND  
TECHNOLOGY (9)

15S/15E/15M

10S/10E/10M

A Fashion Design and Technology Course



# 9124: EXPLORATION OF FASHION DESIGN AND TECHNOLOGY 15S/15E/15M AND 10S/10E/10M

## Course Description

This optional course is designed for students to explore fashion. Students will learn the basics of the fashion industry, integrating historical influences with current fashion trends. Students will construct a final project incorporating techniques from the sewing and patternmaking portfolios created.

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

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

- SLO 9.1.1.1: Demonstrate adherence to safe practices and procedures for facilities, processes, tools, and equipment.
- SLO 9.1.1.2: Describe the common unsafe acts and unsafe conditions that cause accidents.
- SLO 9.1.1.3: Describe how to handle unsafe acts and conditions.
- SLO 9.1.1.4: Explain how to work safely in and around the fashion lab setting.
- SLO 9.1.1.5: Demonstrate the proper use of sewing machines, sergers, and pressing equipment.
- SLO 9.1.1.6: Demonstrate the proper use of cutting tools.
- SLO 9.1.1.7: Prepare a job hazard safety analysis.
- SLO 9.1.1.8: Describe the safety requirements for using powered and hand tools common to fashion.
- SLO 9.1.1.9: Demonstrate and describe the procedures used to handle any chemicals.

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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 9.2.1.1: Identify, select, use, and manage equipment, tools, and materials.
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**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.

No applicable SLOs.

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**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.

No applicable SLOs.

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**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 9.5.1.1: Describe the differences among

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

SLO 9.5.1.2: Compare and contrast

- basic weave
- twill weave
- satin weave

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**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 9.6.1.1: Demonstrate an awareness of the fundamentals of design, including the elements and principles.

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**GLO 6.2: Select appropriate textiles** for the end product.

No applicable SLOs.

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**GLO 6.3: Illustrate and render** design conceptualizations.

SLO 9.6.3.1: Illustrate and render design conceptualizations on a croquis template.

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

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

No applicable SLOs.

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**GLO 7.2:** Demonstrate an understanding of **pattern drafting**.

No applicable SLOs.

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

No applicable SLOs.

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

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

SLO 9.8.1.1: Create a pattern layout.

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**GLO 8.2:** Create a sewing **portfolio**.

SLO 9.8.2.1: Demonstrate the skills required to create a portfolio that includes the following:

- machine embroidery
  - grommet application
  - basic seam
  - serging
  - pressing
  - trim
    - hand application
    - machine application
  - hand sewing
    - running stitch
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**GLO 8.3:** Construct a **muslin**.

No applicable SLOs.

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**GLO 8.4:** Construct a **final garment**.

SLO 9.8.4.1: Construct a final project incorporating skills from sewing portfolio and patternmaking portfolio.

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

SLO 9.8.5.1: Demonstrate finishing of a final project including the following:

- pressing
  - trimming threads
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**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.

No applicable SLOs.

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

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

No applicable SLOs.

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

No applicable SLOs.

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

No applicable SLOs.

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

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

No applicable SLOs.

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**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 9.12.1.1: Demonstrate skills in measurement and geometry relevant to fashion.

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

SLO 9.12.2.1: Demonstrate an awareness of the relationship between fashion and self-esteem.

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

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

SLO 9.13.1.1: Demonstrate regular and punctual attendance.

SLO 9.13.1.2: Demonstrate the ability to communicate respectfully and effectively with teachers, supervisors, co-workers, and students.

SLO 9.13.1.3: Demonstrate accountability by taking responsibility for own actions.

SLO 9.13.1.4: Demonstrate adaptability, initiative, and effort.

SLO 9.13.1.5: Demonstrate teamwork skills.

SLO 9.13.1.6: Demonstrate the ability to stay on task and effectively use time in class and work environments.

SLO 9.13.1.7: Demonstrate the responsible use of wireless communication devices.

SLO 9.13.1.8: Demonstrate the ability to meet deadlines.

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

No applicable SLOs.

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

No applicable SLOs.

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

No applicable SLOs.

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

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

No applicable SLOs.

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

No applicable SLOs.

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

No applicable SLOs.

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