



CAD/CAM Dressmaking Course

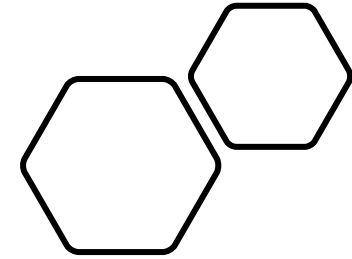
BAVARSITY Campus
Paternoster

Course Overview

Are you a recent high school graduate with a passion for fashion or someone looking to transition into the world of clothing design?

Look no further!

Our comprehensive 20-module CAD/CAM Dressmaking Course is here to empower you with the skills and knowledge to shine in the fashion industry

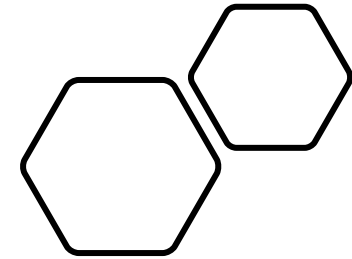


Course Overview

The CAD/CAM Dressmaking Course is designed to equip students with the skills and knowledge required to excel in the world of fashion and clothing design

This comprehensive 20-module course combines traditional dressmaking techniques with cutting-edge computer-aided design and manufacturing (CAD/CAM) technology

Whether you're a recent high school graduate with a passion for fashion or someone looking to transition into the fashion industry, this course will empower you with the tools to create stunning garments and stay competitive in the modern fashion landscape



Module 1

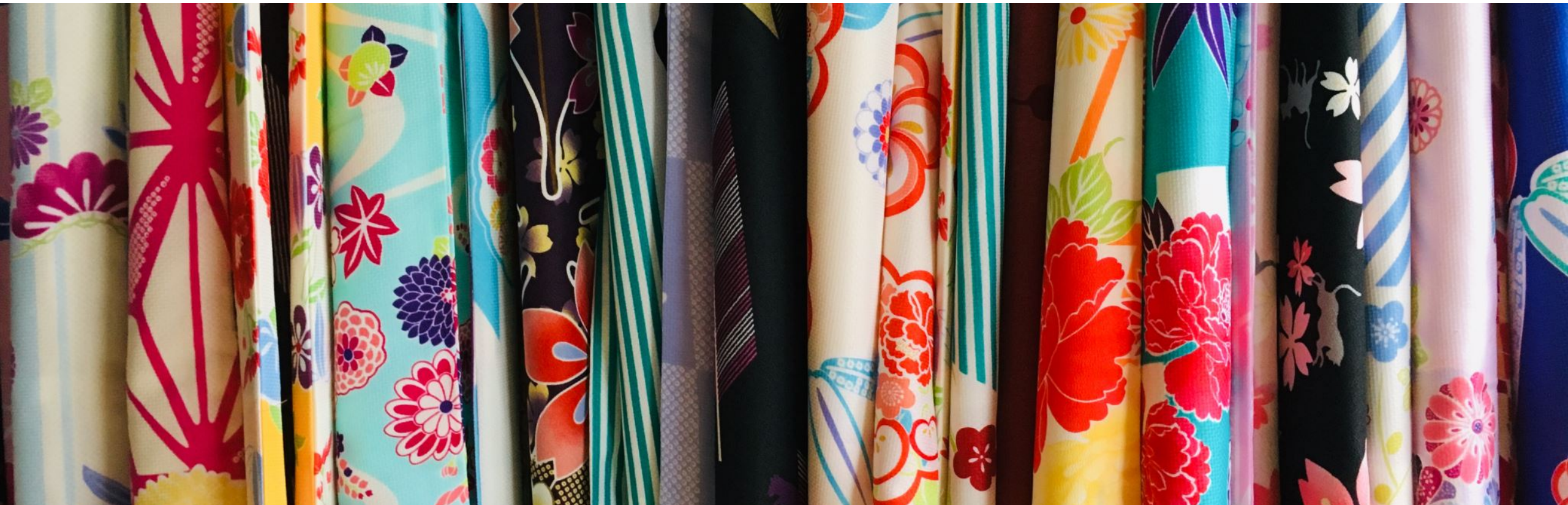
Introduction to Fashion Design



- Understand the history and evolution of fashion
- Explore the role of fashion designers in today's industry
- Identify key fashion design principles

MODULE 2 FABRIC SELECTION AND TEXTILES

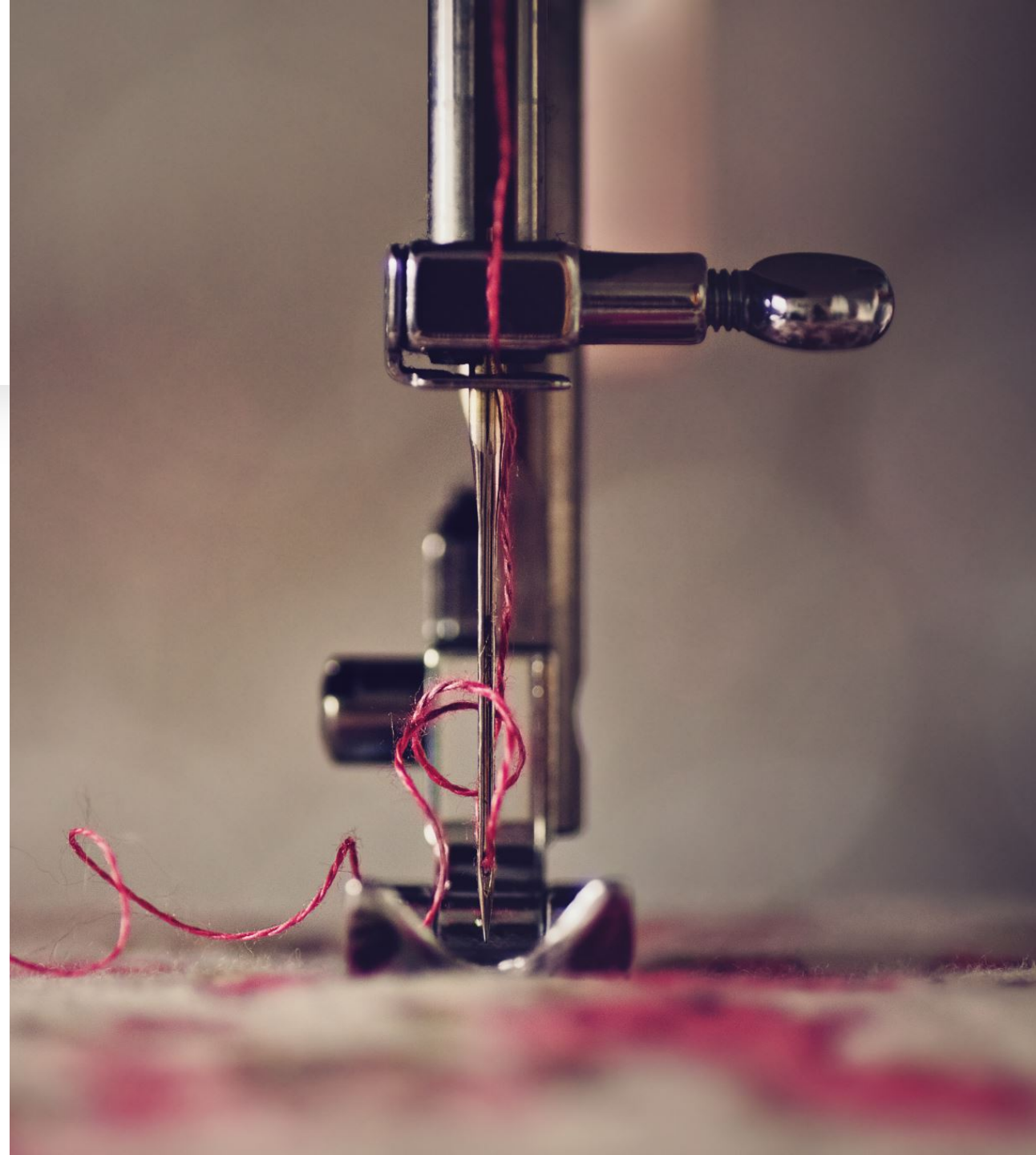
- Learn about various types of fabrics and textiles
- Understand the importance of fabric selection in dressmaking



Module 3

Garment Construction Basics

- Master fundamental dressmaking techniques
- Practice sewing, cutting, and patternmaking



Module 4

CAD/CAM Technology

Introduction

- Explore the basics of computer-aided design and manufacturing
- Get acquainted with CAD/CAM software



Module 5

Pattern Drafting and Grading

- Develop pattern drafting skills
- Learn about grading to create multiple sizes



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for object to mirror_...
mirror_mod.mirror_object

operation == "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
operation == "MIRROR_Y":
mirror_mod.use_x = False
mirror_mod.use_y = True
mirror_mod.use_z = False
operation == "MIRROR_Z":
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True

#selection at the end -add
mirror_ob.select= 1
modifier_ob.select=1
context.scene.objects.active
("Selected" + str(modifier_ob.name))
mirror_ob.select = 0
= bpy.context.selected_objects
data.objects[one.name].select

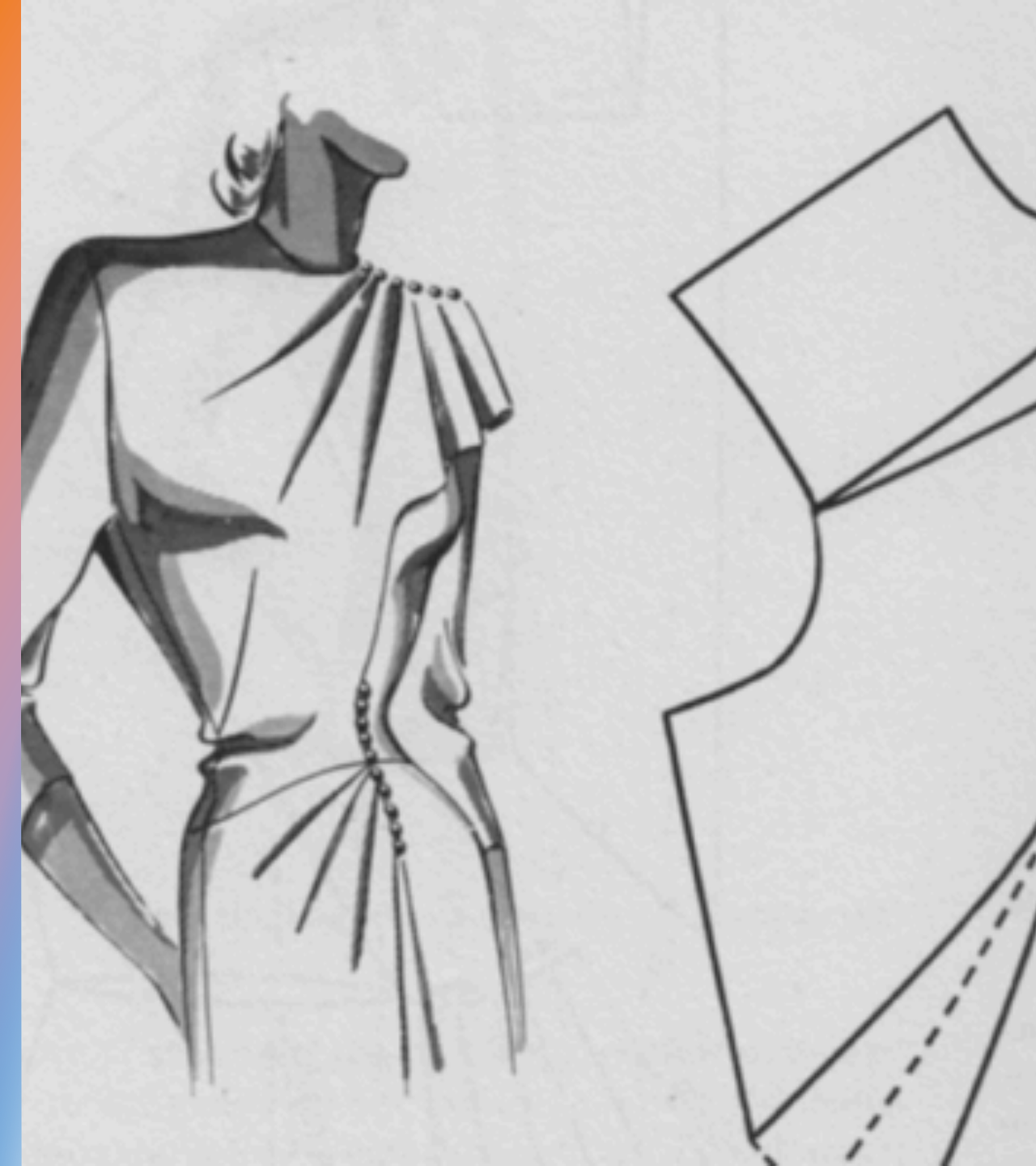
print("please select exactly")

--- OPERATOR CLASSES ---

types.Operator):
on X mirror to the selected
object.mirror_mirror_x"
mirror X"
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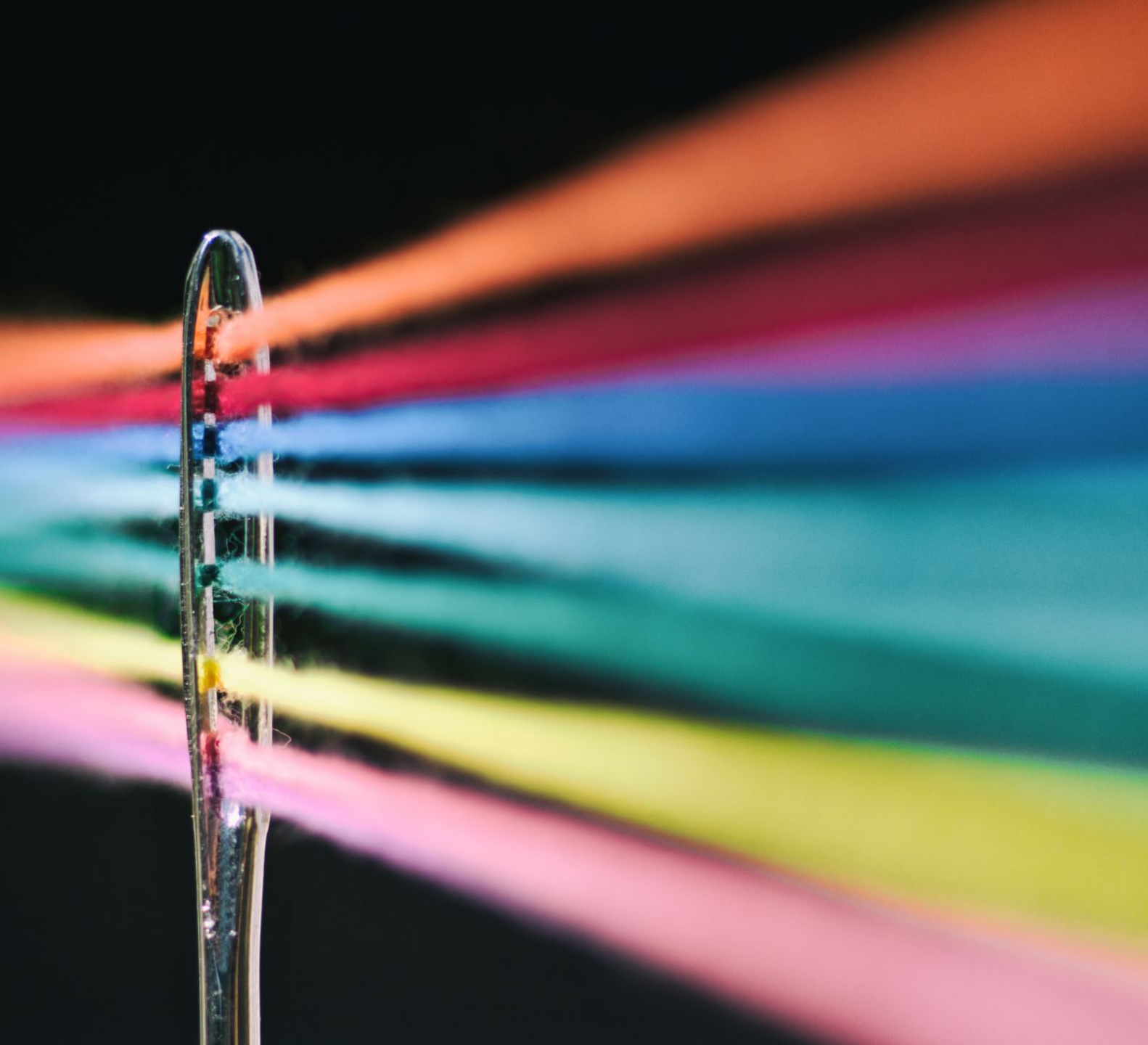
Module 6 CAD/CAM Software Proficiency

Gain proficiency in using
CAD/CAM software for
pattern creation



Module 7 Fashion Sketching and Illustration

- Develop fashion sketching and illustration skills
- Create a fashion portfolio



MODULE 8 DRAPING AND GARMENT MANIPULATION

- Learn the art of draping fabric to create unique designs
- Understand garment manipulation techniques



Module 9

Sewing Techniques and Finishing

- Explore advanced sewing techniques and finishing touches
- Create professional-quality garments

Module 10 3D Garment Visualization

Learn how to create
3D visualizations of
garments using
CAD/CAM software



Module 11

Pattern Digitization

- Convert hand-drawn patterns into digital formats
- Understand the importance of pattern digitization in modern fashion



Module 12

Fashion Trends and Forecasting

- Analyze current fashion trends and forecasting methods
- Learn to create designs in line with industry trends



MODULE 13 CAD/CAM IN GARMENT PRODUCTION

- Discover how CAD/CAM technology is used in mass production
- Understand the cost-saving benefits of CAD/CAM



Module 14

Tailoring and Customization

- Learn the art of tailoring for custom-fit garments
- Cater to individual client needs





Module 15 Garment Marketing and Promotion

- Develop marketing strategies for your dressmaking business
- Learn about branding and promotion in the fashion industry

Module 16

Sustainable Fashion Practices

- Explore eco-friendly and sustainable fashion practices
- Understand the importance of ethical fashion






Dress Maker Business

Module 17 Entrepreneurship in Dressmaking

- Learn about starting and managing a dressmaking business
- Understand financial aspects and legal considerations



MODULE 18 FASHION INDUSTRY INTERNSHIP

- Gain practical experience through an internship in the fashion industry
- Apply knowledge and skills in a real-world setting



Module 19 Portfolio Development

- Create a professional portfolio showcasing your designs and projects
- Prepare for job interviews and client presentations



Module 20

Final Project and Graduation

- Complete a comprehensive CAD/CAM dressmaking project
- Showcase your skills and creativity in the final exhibition



Upon completing this course, you will be well-prepared to embark on a successful career in fashion and dressmaking, whether it's working for established fashion houses or starting your own

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COURSE - CAD CAM DRESSMAKING	STARTING	ENDING
DM1.1 MODULE 1: INTRODUCTION TO FASHION DESIGN	4 March 2024	4 March 2024
DM1.2 MODULE 2: FABRIC SELECTION AND TEXTILES	5 March 2024	5 March 2024
DM1.3 MODULE 3: GARMENT CONSTRUCTION BASICS	6 March 2024	6 March 2024
DM1.4 MODULE 4: CAD/CAM TECHNOLOGY INTRODUCTION	7 March 2024	7 March 2024
DM1.5 MODULE 5: PATTERN DRAFTING AND GRADING	8 March 2024	8 March 2024
DM1.6 MODULE 6: CAD/CAM SOFTWARE PROFICIENCY	11 March 2024	11 March 2024
DM1.7 MODULE 7: FASHION SKETCHING AND ILLUSTRATION	12 March 2024	12 March 2024
DM1.8 MODULE 8: DRAPING AND GARMENT MANIPULATION	13 March 2024	13 March 2024
DM1.9 MODULE 9: SEWING TECHNIQUES AND FINISHING	14 March 2024	14 March 2024
DM1.10 MODULE 10: 3D GARMENT VISUALIZATION	15 March 2024	15 March 2024
DM1.11 MODULE 11: PATTERN DIGITIZATION	18 March 2024	18 March 2024
DM1.12 MODULE 12: FASHION TRENDS AND FORECASTING	19 March 2024	19 March 2024
DM1.13 MODULE 13: CAD/CAM IN GARMENT PRODUCTION	20 March 2024	20 March 2024
DM1.14 MODULE 14: TAILORING AND CUSTOMIZATION - REMOTE ASSIGNMENT	21 March 2024	21 March 2024
DM1.15 MODULE 15: GARMENT MARKETING AND PROMOTION	22 March 2024	22 March 2024
DM1.16 MODULE 16: SUSTAINABLE FASHION PRACTICES	25 March 2024	25 March 2024
DM1.17 MODULE 17: ENTREPRENEURSHIP IN DRESSMAKING	26 March 2024	26 March 2024
DM1.18 MODULE 18: FASHION INDUSTRY INTERNSHIP	27 March 2024	27 March 2024
DM1.19 MODULE 19: PORTFOLIO DEVELOPMENT	28 March 2024	28 March 2024
DM1.20 MODULE 20: FINAL PROJECT REQUIREMENTS FOR GRADUATION	29 March 2024	29 March 2024

COURSE - CAD CAM DRESSMAKING	STARTING	ENDING
DM1.1 MODULE 1: INTRODUCTION TO FASHION DESIGN - REMOTE ASSIGNMENTS	1 April 2024	11 April 2024
DM1.2 MODULE 2: FABRIC SELECTION AND TEXTILES - REMOTE ASSIGNMENTS	11 April 2024	25 April 2024
DM1.3 MODULE 3: GARMENT CONSTRUCTION BASICS - REMOTE ASSIGNMENTS	6 May 2024	16 May 2024
DM1.4 MODULE 4: CAD/CAM TECHNOLOGY INTRODUCTION - REMOTE ASSIGNMENTS	20 May 2024	30 May 2024
DM1.5 MODULE 5: PATTERN DRAFTING AND GRADING - REMOTE ASSIGNMENTS	3 June 2024	13 June 2024
DM1.6 MODULE 6: CAD/CAM SOFTWARE PROFICIENCY - REMOTE ASSIGNMENT	17 June 2024	27 June 2024
DM1.7 MODULE 7: FASHION SKETCHING AND ILLUSTRATION - REMOTE ASSIGNMENT	1 July 2024	11 July 2024
DM1.8 MODULE 8: DRAPING AND GARMENT MANIPULATION - REMOTE ASSIGNMENT	15 July 2024	25 July 2024
DM1.9 MODULE 9: SEWING TECHNIQUES AND FINISHING - REMOTE ASSIGNMENT	5 August 2024	15 August 2024
DM1.10 MODULE 10: 3D GARMENT VISUALIZATION - REMOTE ASSIGNMENT	19 August 2024	29 August 2024
DM1.11 MODULE 11: PATTERN DIGITIZATION - REMOTE ASSIGNMENT	2 September 2024	12 September 2024
DM1.12 MODULE 12: FASHION TRENDS AND FORECASTING - REMOTE ASSIGNMENT	16 September 2024	26 September 2024
DM1.13 MODULE 13: CAD/CAM IN GARMENT PRODUCTION - REMOTE ASSIGNMENT	1 October 2024	10 October 2024
DM1.14 MODULE 14: TAILORING AND CUSTOMIZATION - REMOTE ASSIGNMENT	14 October 2024	24 October 2024
DM1.15 MODULE 15: GARMENT MARKETING AND PROMOTION - REMOTE ASSIGNMENT	4 November 2024	14 November 2024
DM1.16 MODULE 16: SUSTAINABLE FASHION PRACTICES - REMOTE ASSIGNMENT	18 November 2024	28 November 2024
DM1.17 MODULE 17: ENTREPRENEURSHIP IN DRESSMAKING - REMOTE ASSIGNMENT	2 December 2024	12 December 2024
DM1.18 MODULE 18: FASHION INDUSTRY INTERNSHIP - REMOTE ASSIGNMENT	13 January 2025	23 January 2025
DM1.19 MODULE 19: PORTFOLIO DEVELOPMENT - REMOTE ASSIGNMENT	3 February 2025	13 February 2025
DM1.20 MODULE 20: FINAL PROJECT AND GRADUATION - REMOTE ASSIGNMENT	17 February 2025	27 February 2025

JANUARY 2024							FEBRUARY 2024							MARCH 2024							APRIL 2024							MAY 2024							JUNE 2024								
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