



# DIGITAL **PATTERN** MAKING (DPM)

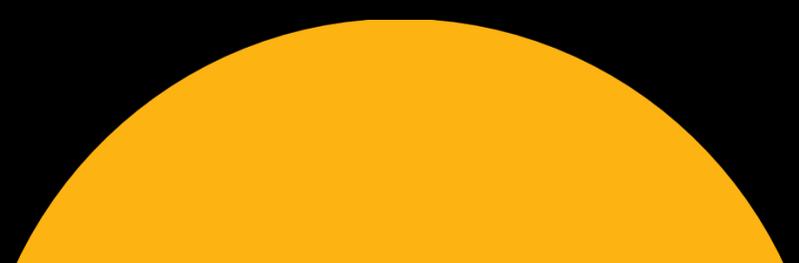
Industry-Led *Certificate Program*



# Program *Focus*

## The **DIGITAL PATTERN MAKING**

program is designed to transition manual pattern makers and fashion professionals into a digital environment. It emphasizes industry-standard CAD systems, digital drafting, advanced pattern manipulation, and production-ready workflows. The goal is to blend technical precision with speed and professional discipline required for factory-level manufacturing.





# Total *Duration*

6 Months

Total Contact Hours:

108 hours

Total Training Days:

18 Live  
Instruction  
Days

## Training Breakdown:

- 6 weeks of instruction (3 sessions per week, 5 hours per session)
- 6 weeks of assessments, applied practicals, and capstone project
- 3 months of paid Fashion practicum (internship)



# Mode *of* Delivery



Hybrid



Live Instructor  
Led Sessions



Recorded Session Access  
For Enrolled Learners

# Weekly Training *Rhythm*



Each week is structured to balance guided instruction, independent application, and accountability.

## **In-Class Sessions:**

Lectures, workshops, case studies, and guided practical work

## **Independent Work Days:**

Applied exercises focused on the learner's own business or project, with WhatsApp group support and facilitator check-ins

## **Weekly Deliverables:**

Tangible business outputs submitted at the end of each week

## **Soft Skills Integration:**

Professional development, communication, leadership, and workplace readiness are embedded into each week's curriculum

# CURRICULUM OVERVIEW



*Week*

## **01 DIGITAL PATTERN MAKING FUNDAMENTALS & ENVIRONMENT**

- Navigate industry-standard CAD pattern making software confidently
- Understand digital workflows in fashion factories
- Master file management, naming conventions, and version control
- Set up hardware and use digitizing tools properly
- Digitize manual paper patterns accurately
- Create basic pattern blocks digitally from measurements
- Use precision tools for symmetry and accuracy
- Understand the advantages and limitations of digital pattern making

*Week*

## **02 ADVANCED PATTERN MANIPULATION & STYLE DEVELOPMENT**

- Execute advanced dart manipulation techniques digitally
- Develop multiple design variations from basic blocks
- Add design details (pleats, gathers, panels, style lines) in CAD
- Split and join pattern pieces for design effects
- Work with asymmetrical designs
- Create princess seams, yokes, and complex style lines
- Understand and apply design principles in pattern manipulation
- Maintain pattern integrity during manipulation
- Work efficiently with manipulation tools

*Week*

## **03 FIT CORRECTION, GRADING & SIZE RANGE DEVELOPMENT**

- Identify common fit issues from garment samples and fitting comments
- Execute digital fit corrections for balance, ease, and shape
- Understand and apply grading rules and principles
- Grade patterns accurately across multiple sizes
- Create and manage size charts and measurement specs
- Verify grade accuracy and consistency
- Work with international sizing standards
- Understand fit for different body types and markets
- Create production-ready graded pattern sets

*Week*  
**04**

**PRODUCTION  
PREPARATION,  
TECH PACK  
INTEGRATION &  
MARKER MAKING**

- Prepare production-ready pattern packages
- Add construction notes and specifications to patterns
- Apply correct seam allowance standards
- Label patterns according to industry requirements
- Work directly from tech packs to create/modify patterns
- Interpret specification sheets and implement in CAD
- Manage pattern revisions and version control
- Execute marker making for fabric optimization
- Calculate fabric utilization and efficiency
- Reduce material waste through optimal marker planning

*Week*  
**05**

**SPEED, ACCURACY,  
QUALITY CONTROL  
& ADVANCED  
PRACTICES**

- Meet industry benchmarks for pattern making speed
- Execute error detection and correction efficiently
- Perform comprehensive QC checks on digital patterns
- Understand factory approval processes
- Build and manage multi-style pattern libraries
- Reuse and adapt pattern blocks for efficiency
- Work with international client requirements
- Understand digital pattern security and IP protection

*Week*  
**06**

**PROFESSIONAL  
READINESS,  
PORTFOLIO & CAREER  
PREPARATION**

- Create professional CVs tailored for digital pattern making roles
- Build comprehensive digital pattern making portfolios
- Prepare for technical assessments and job interviews
- Understand workplace etiquette in production environments
- Present work professionally to potential employers
- Network with industry professionals
- Secure internship placements
- Navigate career paths in digital pattern making
- Understand continuing education and advancement opportunities

# Capstone & Closing



## Assessment & Practicals Phase

- Participants must present a complete pattern set (top, bottom, dress), grading for 4–6 sizes, marker efficiency demonstrations, and a full tech pack.

## Closing Event

- Fully physical showcase event
- Learners present their projects and concepts
- Feedback from industry judges and facilitators

# Program Outcomes

## WHAT YOU'LL CREATE

By end of the program, you'll have completed:

- **Digitize & Draft:** Convert manual paper patterns to digital formats and draft blocks (bodice, skirt, trouser) from scratch in CAD.
- **Manipulate & Grade:** Execute complex dart rotations, style developments, and apply industry-standard grading rules across multiple sizes.
- **Optimize Production:** Create production-ready pattern sets with accurate seam allowances, construction notes, and optimized marker layouts to reduce fabric waste.
- **Integrate Tech Packs:** Interpret and revise patterns based on professional spec sheets and QC feedback.



# Learning *Approach*



## LEARN IT

Expert-led instruction on business principles and frameworks



## APPLY IT

Immediately implement in your business during independent work days



## GET FEEDBACK

Instructors review your work and provide personalized guidance



## REFINE IT

Iterate based on feedback and real-world testing



## PRESENT IT

Showcase your complete business plan to industry experts

# Program *Highlights*

-  **PROFESSIONAL CERTIFICATION**

Earn a Bridge Institute Certificate in Fashion Business Management – recognized credential that opens doors

-  **REAL BUSINESS OUTCOMES**

Every week produces tangible deliverables you implement immediately in your business

-  **EXPERT INSTRUCTION**

Learn from industry practitioners with proven track records building and managing successful fashion businesses

-  **INDUSTRY CONNECTIONS**

Network with investors, brand partners, and fellow entrepreneurs. Pitch event includes industry leaders.

-  **CAREER ADVANCEMENT**

Graduates work as Fashion Business Managers, Brand Operations Managers, Production Managers, and Consultants earning ~~#~~200K-~~#~~1,000,000 Million monthly

-  **ONGOING SUPPORT**

Lifetime alumni network access, quarterly workshops, job placement assistance, and continued learning resources

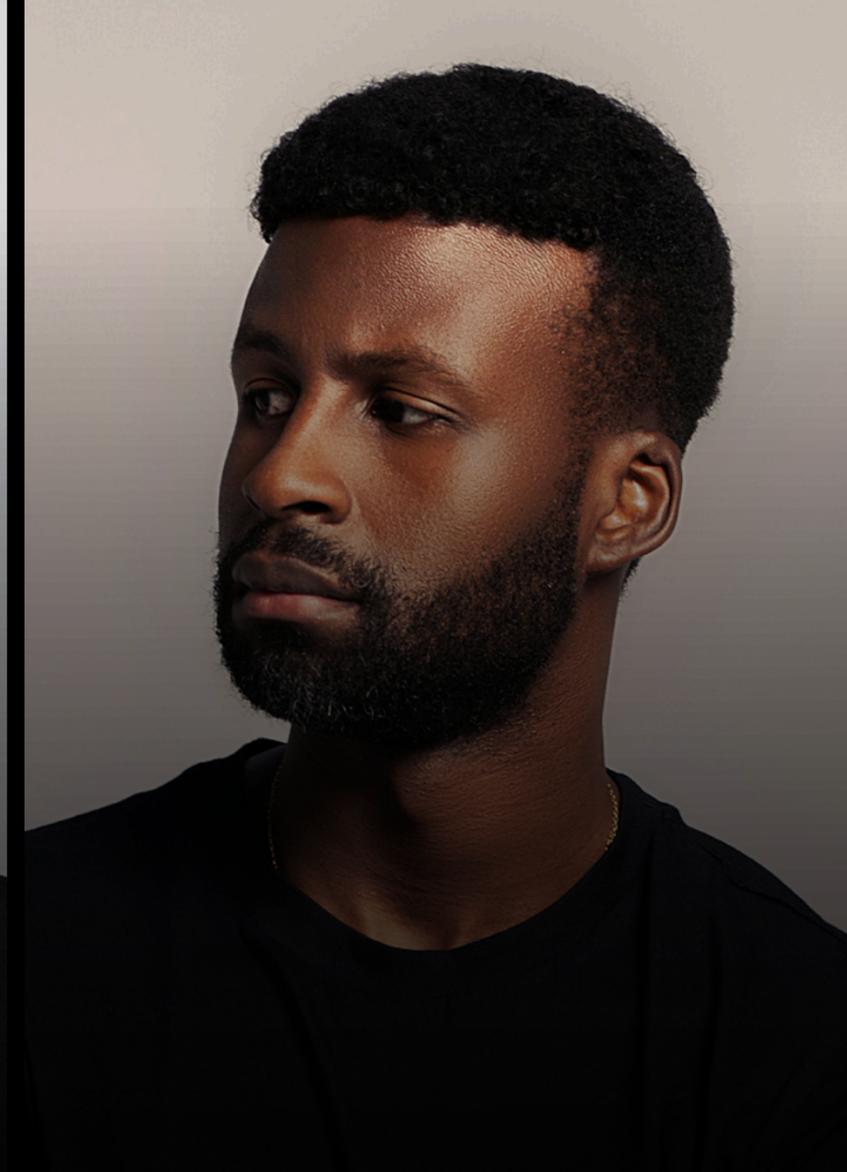
- **FASHION PRACTICUM**

Job placements with industry partners and Fashion businesses for real world experience



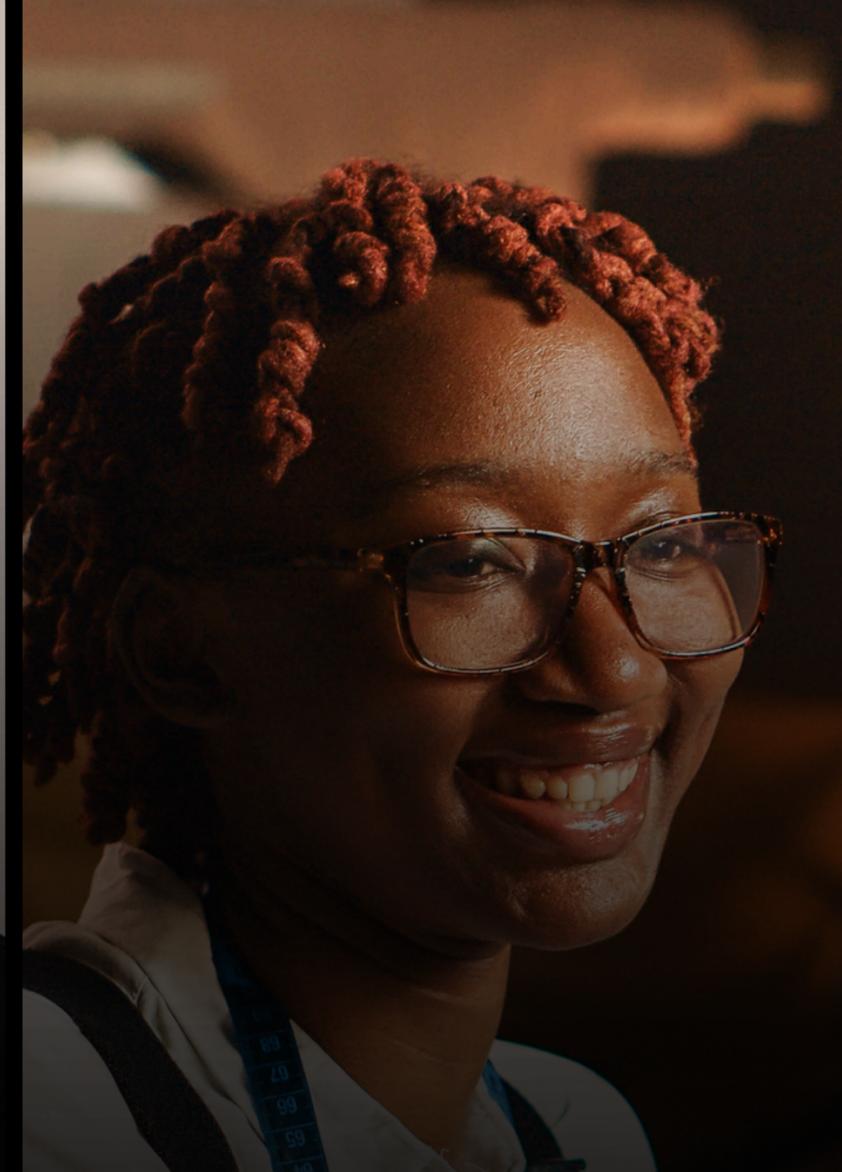
## **FASHION ENTREPRENEURS**

Fashion designers or brands who want stronger technical and production capabilities



## **PATTERN MAKERS**

You are a Pattern maker, Garment technologist who wants to move from manual to digital systems



## **FASHION MANAGERS & COORDINATORS**

You work in fashion but want to advance your career by developing strategic technical skills, Production capabilities.



## **CAREER SWITCHERS**

Fashion graduates and students seeking industry-ready skills in fashion production, technical design, or pattern development



# Investment

**Program Fee: 500,000**

(Check websites for available discounts or scholarship )

Payment Plans Available

Contact: [bridge@obsidianadvisoryafrica.com](mailto:bridge@obsidianadvisoryafrica.com)



# Frequently Asked Questions

## QUESTION

Do I need prior pattern making experience?

## ANSWER

Basic pattern making knowledge is helpful, but not mandatory. The program starts from fundamentals and builds up to advanced professional workflows.

# Frequently Asked Questions

## QUESTION

Is this program more design or technical?

## ANSWER

This is a technical, production-focused program. You'll learn how to turn designs into accurate, production-ready patterns.

# Frequently Asked Questions

## QUESTION

Will I work on real garments and real scenarios?

## ANSWER

Yes. You'll work on; Complete garment pattern sets, Fit correction cases Grading projects, Tech pack-based pattern projects, Marker optimization scenarios

# Frequently Asked Questions

## QUESTION

Can I work while doing this program?

## ANSWER

Yes, but you need to commit to 3 full days per week plus independent work time. Many participants maintain part-time work.

# Frequently Asked Questions

## QUESTION

What if I miss a class?

## ANSWER

You can miss maximum 2 sessions to maintain certification eligibility. Content is not recorded, so arrange peer notes.

# Frequently Asked Questions

## QUESTION

Is the certificate recognized?

## ANSWER

Yes. Bridge Institute's certificate is Industry recognized. Graduates work in top fashion companies

# Frequently Asked Questions

## QUESTION

What's the difference between this and other programs?

## ANSWER

DPM is intensely practical. Every week you create real deliverables for YOUR business. You leave with a complete portfolio of projects, not just knowledge. Plus, you pitch to real industry leaders.

# Frequently Asked Questions

## QUESTION

Can I pay in installments or apply for scholarship?

## ANSWER

Yes!

Contact [bridge@obsidianadvisoryafrica.com](mailto:bridge@obsidianadvisoryafrica.com) for payment plan options.

# Frequently Asked Questions

## QUESTION

What happens after I graduate?

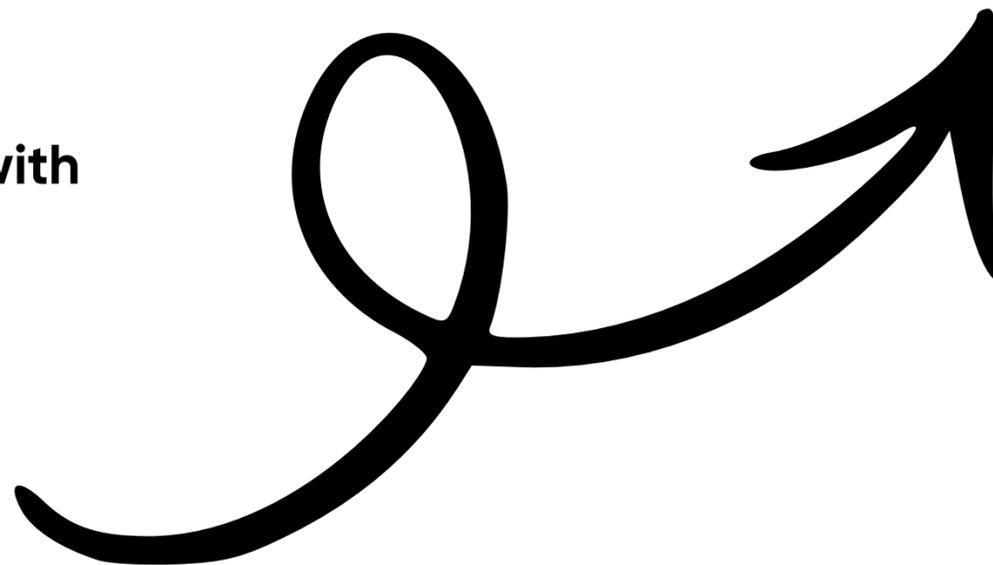
## ANSWER

You join our alumni network, get job placement support, access to ongoing workshops, and potential brand placement opportunities.

# READY TO TRANSFORM YOUR *FASHION* *BUSINESS?*

Don't let another year pass struggling with  
the business side of fashion.row

APPLY NOW



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