



# PRODUCTION IN CLO 3D

## Online course

### Introduction

The **Production in CLO 3D** course goes beyond CLO 3D fundamentals and provides the tools for Production in CLO 3D. Learners will be able to use the different tools for garment manufacturing including print layouts, colorways and bill of materials. In order to create designs with greater accuracy, learners will explore the next level of pattern making through exact measurement tools as well as manipulation of darts and lines. Finally, how to show off garments in 3D with movement will be taught through new techniques related to creating realistic fabrics and final exports. With this course, users can take CLO to the next level of Production concluding with a CLO runway animation.

### Key learning outcomes

By the end of the course, participants will be able to:

- Create patterns for production including seam, symbols and text.
- Create print layouts, colorways and interactive communication.
- Export patterns to print.
- Manipulate advanced patterns with darts, spreads, cuts and extractions.
- Further pattern manipulation with folds and pleats.
- Sew and shape with seam taping and elastic.
- Topstitch surface decoration.
- Understand how to use custom fabric libraries.
- Create advanced fabrics.
- Add buttons and zippers.
- Render and animate garments.
- Use the CLO CLO-SET.

### Who this course is for

This course is geared for an experienced CLO 3D user that now wants to know more about pattern manipulation with elastics, seam taping and steam, or further pattern manipulation with pivots and spreads.

This course is ideal for the CLO user that wants to use CLO for production and sales. It is especially well suited to users that want to start creating production ready patterns and the information that goes with it. The course concludes with one's own runway show!

It is recommended that users have a familiarity with CLO or have already completed Course 1 "Basics in CLO 3D" or the equivalent.

To make the most of this course, you need to have a licensed version of the CLO 3D software, ideally the latest version (version 6).

### Format

The course includes video demonstrations of the tools and work along the modules and topics to complement your learning. The course is self-paced and includes a **pre-assessment test, modules of interactive instructions** based on videos, animations, practical exercises, discussion questions and knowledge assessments. It ends with a **post-assessment test and project** where learners submit their own design

### Contact us

Please reach us at [hello@motif.org](mailto:hello@motif.org) for further information.

## The instructor



Roz McNulty has been creating clothing on computers since 1983. She has experience with fashion design, pattern drafting, manufacturing, also with VR and AR. At the Fashion Innovation Centre, Roz works with apparel industry 3D software and mixed reality to create clothing assets such as historical clothing exhibitions, interactive AR runway and virtual change rooms. She has been in clothing construction and manual pattern making for 30 years.

using the techniques learned in the course. An **in-course glossary** at the learner's fingertips facilitates the understanding of technical terms.

All participants who successfully complete the course will receive a **MOTIF Certificate of Completion**.

This course and the instructor are not affiliated with CLO. CLO offers a free Beginner's Guide on their YouTube channel which you can use in tandem with this course if you choose.

## Course outline

### Introduction

### Module 1: Pattern Layout Tools

### Module 2: Pattern Lines and Measurements

### Module 3: Darts and Fullness

### Module 4: Sewing and Shaping

### Module 6: Materials

### Module 7: Animation

### Conclusion



**MOTIF Certificate of Completion for  
successful course participants**

## About the Fashion Innovation Centre

The Fashion Innovation Centre teaches 3D Clothing Pattern Design. FIC provides talent and resources for the apparel industry, online 3D retail and museum archiving. The vision of the Fashion Innovation Centre is to creating talent to support the future of 3D design sampling, retail marketing, web assets and archiving of apparel.

“The past, present and future of Fashion.”

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# MOTIF

This course is available on MOTIF, the apparel knowledge hub. To learn more about MOTIF, please visit [motif.org](http://motif.org).