

*TaF.tc*

**CLO3D**

**FASHION DESIGN  
COMPETITION**

# **FAQ and Information Handout**

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# Overview

Learn all about the CLO-3D Fashion Design Competition.

The CLO-3D Fashion Design Competition is a competition organised by TaF.tc in collaboration with CLO to upskill individuals in Singapore in virtual prototyping. Over 20 5-day classes will run from April to October, and a total of 10 finalists will be selected from the 270 participants over the 7 months.

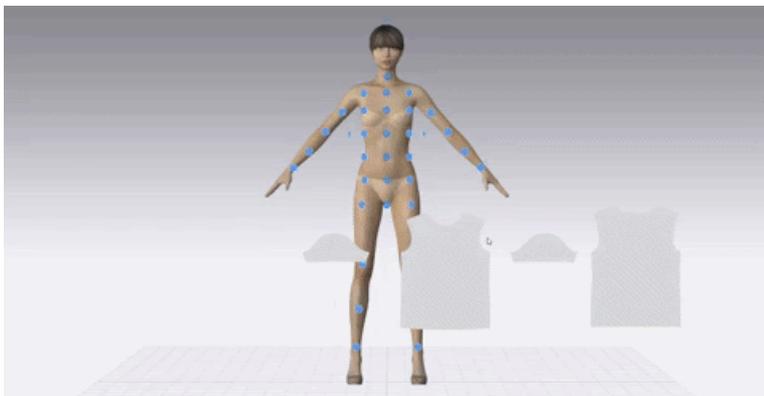
## Overview: **Objectives**

The recent COVID-19 pandemic has accelerated the growth of virtual fashion in the industry. Everything is going virtual - virtual wardrobes, models, runways and clothes. The demand for virtual prototypists are now on the rise as more fashion companies are now adopting 3D softwares such as *CLO-3D*, *Browzwear* and *Optitex* to increase efficiency in their work processes. However, there is a **lack of Singaporean talent** skilled in virtual prototyping to fill these roles.

The objective of this competition is to close this gap and increase employability, by upskilling 270 individuals at once.

## Overview: **What is CLO-3D?**

CLO-3D is a 3D fashion design software created by CLO Virtual Fashion. It allows users to create virtual clothes that are true to life.



## SOME **BENEFITS** OF USING CLO-3D

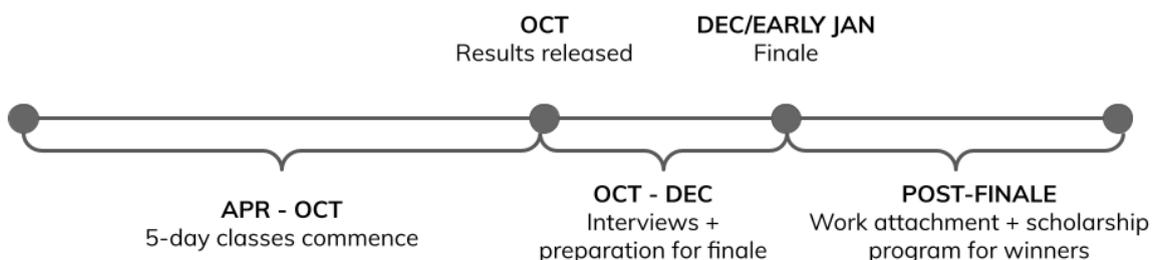
For those who...

<p><b>Are in the fashion industry/          want to enter/ are educating the          industry</b></p>	<p>An increasingly demanded and useful skill in the Fashion industry due to COVID-19 and digitalisation.</p>
<p><b>Own a fashion business</b></p>	<p>CLO-3D can help to save fabric waste and time - there is no longer a need to send a physical prototype back and forth. Edits can be made on the spot, and designs can be viewed before production.</p>
<p><b>Do animation and game design</b></p>	<p>Can create highly detailed 3D garments can be created for avatars.</p>



## Overview: **Timeline**

- Classes will commence in **April**. Multiple 5-day classes will be conducted between April and October.
- By **October**, judges will receive all 270 submissions, and choose their top 10 finalists.
- Late **October to December** would be preparation time for the finale. Finalists will be interviewed, and will spend the time improving their designs.
- The finale will happen in **Late December/Early January**.
- The top 3 winners will be given further instructions after the finale to proceed with their work attachment opportunity and accelerated pathway program scholarship.



## Before the Course

Here are some things participants should know before applying for the competition.

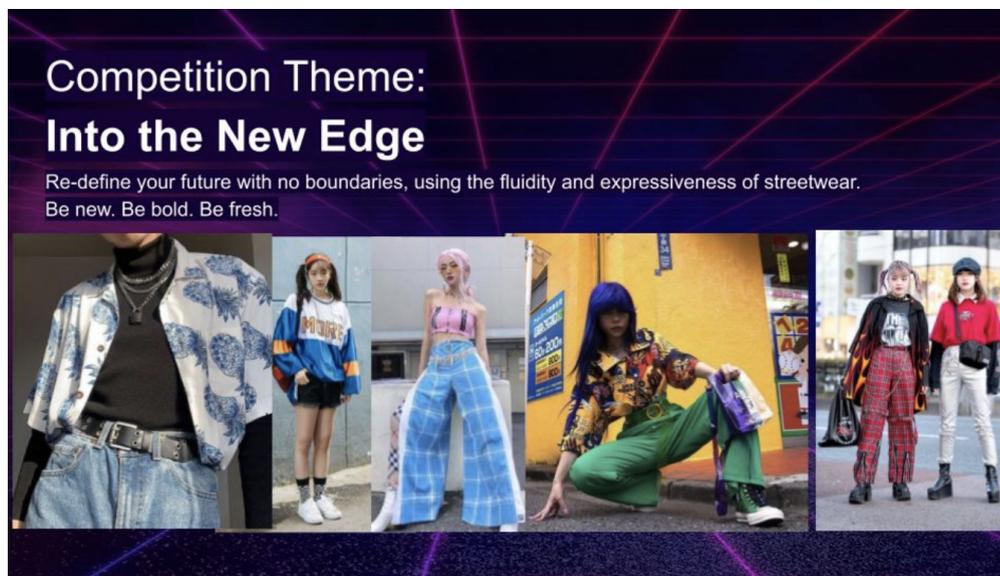
### ✓ Pre-Course: **Eligibility**

- ✓ Singaporean or Singapore PR
- ✓ 3 O Level Credits **or** [WPLN](#)
- ✓ Computer and visualisation skills\*
- ✓ 16 years old and above

\*Score at least 4/6 on this [test](#). Check FAQ to see how you can sign up if you fail the test.

### 👗 Pre-Course: **Design Brief**

The theme for this competition is **Into the New Edge: Streetwear**. [Streetwear](#) can express individuality with a few simple pieces.



### 💰 Pre-Course: **Price and Funding**

The original price for the WSQ Apply Virtual Fit Evaluation course is \$1,990. After SSG funding, it is usually \$651.63. However, with the help of our sponsors, the application fee for the competition this time around is only **\$74.90**. Find out about [subsidies](#).

## Pre-Course: **Schedules**

There are many Weekend and Weekday intakes available for the competition from April to October.

Weekday Intakes		Weekend Intakes	
April	5, 6, 7, 8, 9	April	4, 10, 11, 17, 18
May	7, 10, 11, 12, 14		24, 25 & 8, 9, 15 May
	17, 18, 19, 20, 21	May	16, 22, 23, 29, 30
	24, 25, 27, 28, 31	June	5, 6, 12, 13, 19
June	7, 8, 9, 10, 11		27 & 4, 11, 17, 18 July
	14, 15, 16, 17, 18	July	24, 25, 31 & 7, 8 Aug
	21, 22, 23, 24, 25	August	14, 15, 21, 22, 28
July	5, 6, 7, 8, 9	September	4, 5, 11, 12, 18
	26, 27, 28, 29, 30		25, 26 & 2, 3, 9 Oct
August	2, 3, 4, 5, 6		
	16, 17, 18, 19, 20		
	23, 24, 25, 26, 27		
September	6, 7, 8, 9, 10		
	20, 21, 22, 23, 24		

## Pre-Course: **How to Sign Up**

- 1 Check if you are [eligible](#), don't forget to take the [quiz](#) and score at least 4/6!
- 2 Head to [www.taftc.org/competitions](http://www.taftc.org/competitions) and scroll down to find schedules
- 3 Find your ideal intake and click **"Apply Now"** and fill up the relevant information
- 4 Congratulations! Wait to be verified, and receive an e-mail with relevant information.

## Pre-Course: **Preparation**

- You are required to watch **two** pre-course which can be found on TalentLMS (login details will be provided via e-mail).
- As being resourceful is an important skill to have, it is important to familiarise yourself with the [CLO-3D Guide Manual](#) as it will be your best friend! Also, don't forget to watch the [CLO-3D Quick Start](#) videos to be more prepared for class.
- Laptops will be provided for the physical classes. However, you can bring your own laptop/tablet to refer to your e-book on the side.
- You are advised to do some research on [Streetwear](#) and sketch out some ideas before class. *Trainers will advise you on the feasibility of your design.*

## **During the Course**

You will take the 5-day WSQ Apply Virtual Fit Evaluation Course and submit your final 3D streetwear outfit for the competition on the 5th day.

## Course: **Curriculum**

### **DAY 1 - Foundations**

The basics of using CLO-3D

- Navigation
- Modifying an Avatar (required for assessment)
- Different types of sewing tools on CLO-3D
- Fabrics
- Simulation

### **DAY 2 - Pants**

You will learn to create your own pants

- 1 pair of pants without the zipper fly (required for assessment)
- 1 pair of pants with the zipper fly (required for assessment)

## DAY 3 - Collared Shirt

You will learn to create your own long-sleeved collared shirt

Pleats

Buttons and Buttonholes

1 collared long sleeve shirt (required for assessment)

Coordination

Rendering

## DAY 4 - Creating the Streetwear Outfit

You will learn to modify your existing shirt and pants to fit the streetwear theme.

Alternatively, you can choose to create your own patterns from scratch. Various pattern pieces will be shared with you on the 4th day.

Modular Configurator - constructing/modifying outfit for competition submission

Adding Graphics

## DAY 5 - Assessment and Submission

You will submit your 4 files for assessment, and continue working on your final streetwear outfit **(to be submitted before 7pm on the last day)**.

Assessment (Written + Submission of 4 files from Day 1 to 3)

Constructing/modifying outfit for competition submission

## 📁 Course: **Submission**

On the final day of class, you will be required to submit the following documents for the competition **(no later than 7pm)**:

### ✓ 1 CLO-3D file with complete 3D streetwear outfit (.zprj)

- File name: [Class Job Code][last 4 characters of NRIC] Final Outfit

### ✓ PNG files of the complete outfit (front, back, details) (.png)

- File name: [Class Job Code][last 4 characters of NRIC] Final Outfit

### ✓ 1 Statement (< 300 words) to describe their work (.docx or Google docs)

- File name: [Class Job Code][last 4 characters of NRIC] Statement

A **Google drive link** will be sent to your respective Whatsapp groups. Find the folder with your name and upload all your respective documents in the folder.

# After the Course

What happens after the 5-day course?

## Post-Course: **Results**

Judges will look at all 270 submissions, and grade them based on the following criteria

Judging Criteria	%
Commercial Viability	40
Creativity and Originality	30
Work Ethic	20
Final Presentation of 3D Design	10

Results will then be released in **October** once the judges have vetted through all the designs from the multiple classes.

## Post-Course: **Prizes**

1st Prize	2nd Prize	3rd Prize
Apparel Design/Fashion Business Accelerated Pathway Program		
6-Month Work attachment as a Virtual Prototypist (opportunity to extend)		
Complimentary E-Fashion Business Course		
\$800 Cash Prize	\$500 Cash Prize	\$300 Cash Prize

Popularity Prize
Complimentary E-Fashion Business Course
6-Month Work Attachment as Virtual Prototypist (TBC)

## Post-Course: **Accelerated Pathway Program**

Winners of the competition and their respective hiring companies will decide on the most suitable program to take. Depending on the company's and winner's preference, the winner can also choose to take up either our Fashion Business or Apparel Design Diploma. *Note that the courses listed below are flexible and subject to change.*

<b>Program I: Apparel Design</b>	<b>Description</b>	<b>Hours</b>
WSQ Analyse Garment Construction	Be exposed to the techniques employed in the fashion industry including how garments are constructed and the various seams and stitches utilized in the different components of a garment.	26
WSQ Manage Virtual Fit Technology	Intermediate version of the CLO-3D Competition Course (WSQ Apply Virtual Fit Evaluation)	39
WSQ Draw Digital Images	Take your design from paper to working digital file using computer aided design software such as Adobe illustrator	28
WSQ Identify and Analyse Textiles and Processes	Learn to identify fabrics by their industry's name, the fundamental knowledge to help you understand the risks of using certain fabrics, empowering you with the ability to troubleshoot issues related to textiles limitations.	34
WSQ Interpret and Draw Production Sketches	Learn to communicate the details of your garments accurately and clearly to your manufacturer to ensure error-free production.	34
WSQ Interpret Pattern Draft and Sewing Sequence of Apparel	Learn how a garment is made from pattern drafting, cutting and sewing	36
WSQ Manage Quality Assurance in Textile and Fashion Industry	Learn about the principles of quality management, statistical sampling, defects classification, product testing, safety standards, sample evaluation and report writing.	33
WSQ Perform Fashion Retail Merchandise Buying for Textile and Fashion Industry	Equip yourself with skills to forecast, budget and plan merchandising assortment with key focus on consumer centric buying and relevancy to market merchandising concept.	35
		<b>265</b>

Program 2: Fashion Business		Hours
WSQ Analyse Garment Construction	Be exposed to the techniques employed in the fashion industry including how garments are constructed and the various seams and stitches utilized in the different components of a garment.	26
WSQ Manage Virtual Fit Technology	Intermediate version of the CLO-3D Competition Course (WSQ Apply Virtual Fit Evaluation)	39
WSQ Calculate Cost of Material and Apparel for Textile and Fashion Industry	Learn how to take steps towards fulfilling it through effective cost negotiation and a keen understanding of your costs based on design sketches/samples.	36
WSQ Follow-up Order from Design to Production for Textile and Fashion Industry	Learn to handle multiple processes involved in the lifecycle of product from design concept to retail floor using production tracking tools.	26
WSQ Identify and Analyse Textiles and Processes	Learn to identify fabrics by their industry's name, the fundamental knowledge to help you understand the risks of using certain fabrics, empowering you with the ability to troubleshoot issues related to textiles limitations.	34
WSQ Manage Quality Assurance in Textile and Fashion Industry	Learn about the principles of quality management, statistical sampling, defects classification, product testing, safety standards, sample evaluation and report writing.	33
WSQ Perform Fashion Retail Merchandise Buying for Textile and Fashion Industry	Equip yourself with skills to forecast, budget and plan merchandising assortment with key focus on consumer centric buying and relevancy to market merchandising concept.	35
WSQ Source for Supplies and Production for Textile and Fashion Industry	Acquire skills such as sourcing tactics for various materials, supplier selection, vendor management, negotiation, effective communication and comprehension of import/export regulation and agreement between countries.	26
WSQ Inbound Marketing	Experience using the basics of a Customer Relationship Management system (CRM), set up a customer database and mailing list, and understand how to reach out to customers via blog posts, email newsletters and videos.	16
WSQ Paid Search Engine Marketing	Learn the basics of how to create a Google Ads Search advertising campaign from scratch, understand how Google AdWords works, and how to measure and fine-tune your AdWords campaign parameters for optimal results.	8

WSQ Search Engine Optimisation (SEO)	Learn what is SEO, the basics of optimising your website such that it will enhance your site's search rank and performance, and how to use tools to conduct competitor benchmarking.	8
WSQ Social Media Management	Learn to identify marketing communication opportunities in new media, how to develop marketing communication plans, and how to evaluate the effectiveness of the social media platform in raising brand profile.	16
		<b>303</b>

## Post-Course: **CLO-3D Licenses**

CLO will sponsor CLO-3D annual licenses (worth *450 USD*) to **selected individuals** who commit to improving their CLO-3D skills throughout the 1 year subscription.

Participants who commit to this agreement are required to sign a contract as proof of their commitment, and upload or sell their designs on CLO-SET monthly as proof of their continual efforts for a year.

More details will be made available to you after their class.

## Post-Course: **Finale Preparation**

10 finalists will be selected to compete in the finale. From **October to December**, participants will be required to improve on their designs and animate their 3D outfits with help from our trainers. Interview sessions will also be arranged with the finalists to feature their designs and stories.

## Post-Course: **Finale**

The finale will be virtual, and broadcasted live on various platforms. More details will be updated on the finale at a later date.

## FAQ.

### 1. About the Class

#### **How is the class conducted?**

Classes will be held physically on campus (usually Central Plaza @ Tiong Bahru). The specific location will be written in your registration e-mail and class schedule.

#### **Do I need to bring my own laptop?**

Laptops will be provided. You may, however, bring your own laptop/ tablet to refer to the e-book on the side.

#### **What happens if you fail the assessment?**

If you fail the assessment, you will have to pay the full gross fee (\$1,990) as funding no longer applies. You are strongly advised to pay attention in class and do the necessary work to pass.

#### **What happens if I fall sick or can't make one class?**

You have to fulfil a **75% attendance requirement**. You can miss one day of class, but have to do the necessary work to catch up in class. If you are afraid that you would not be able to catch up and are overwhelmed, you can choose to defer your intake, but you need to provide the required documentation for proof.

#### **Can I take the laptop home to finish my work ?**

To ensure fairness, you are not allowed to take the laptop home to finish up your work. However, you may stay behind in class until 7pm especially if you do not have a laptop at home. Trainers are not obligated to stay until 7pm.

#### **What are the differences between the competition Virtual Prototyping course and the standard Virtual Prototyping course? ?**

They are the same course, and participants will learn the same skills. However, the competition course will be curated to fit the streetwear theme - with more shirts and pants. The course price is also different as the competition has been sponsored by sponsors.

## 2. Eligibility

### **How do I know if my computer and visualization skills are sufficient?**

This competition requires intermediate computer and visualisation skills as it involves constructing a garment in a 3D digital space. Take this [test](#) to find out if you are ready (score at least 4/6)!

### **Can I still join if I fail the test?**

You are strongly recommended to take the [Digital Apparel Design](#) course first to familiarise yourself with a 2D workspace, before attempting this competition.

### **What if I fail the test, but I am still interested to join the competition?**

We strongly discourage you to join the competition, and recommend that you take the [Digital Apparel Design](#) course first. However, if you still wish to join, be prepared to be challenged! We will provide you with some resources in our registration e-mail, and we strongly encourage you to familiarise yourself with them before class!

### **I am a foreigner with a work visa/permit, can I still join the competition?**

Unfortunately, the competition price of \$74.90 only applies to Singaporeans and PRs. If you want to learn CLO-3D, we advise you to take the standard [Virtual Prototyping](#) class.

### **I have taken the Virtual Prototyping module before, can I still join?**

If you have taken TaF.tc's Virtual Prototyping module before, you are **NOT ALLOWED** to participate, as it is the same course.

## 3. Diploma Students

### **I am an Apparel Design Diploma student, can I still join the competition?**

If you are an Apparel Design Diploma student, please contact May at [maymin@taftc.org](mailto:maymin@taftc.org), and you will be advised on your next step.

### **I am a Fashion Business/Bags Design/Footwear Design Diploma student, can I join the competition?**

You can join the competition, as your Diploma's modules do not overlap with this competition's module.

### **I am a graduate Apparel Design Diploma student, can I join the competition?**

If you are a graduate from before 2018 (this course did not exist then), you can join the competition. However, if you have already taken the Virtual Prototyping course as part of your Diploma, you are **NOT ALLOWED** to participate.

### **I have already taken some of the modules in the Apparel Design Accelerated Programme. What can I get as a prize instead?**

If you are an existing Apparel Design Diploma student, you get the **Fashion Business Accelerated Pathway Programme** as your prize.

### **I am an existing Advanced Diploma student, can I join the competition?**

If you are an Advanced Diploma student, please contact May at [maymin@taftc.org](mailto:maymin@taftc.org), and you will be advised on your next step.

## **4.Submission**

### **Do I have to submit designs for the competition?**

On the 5th day, **all** participants are required to submit **three** CLO-3D files (avatar, collared shirt & pants) as part of the mandatory assessment. You are also required to submit an original 3D streetwear outfit to be considered for the competition prizes.

It is *not* mandatory to submit designs for the competition - you may sign up for the workshop *without* submitting for the competition at no cost or penalty. We encourage you to take the chance, but we understand if you feel otherwise, and we're still more than happy to have you!

## **5. Funding**

### **Is this course subsidised?**

This course is heavily subsidised as part of the competition, at **\$74.90**. The original course fee is \$1990, and \$651.63 after Skillsfuture funding!

### **Can I use my Skillsfuture Credits?**

You are not allowed to use your Skillsfuture Credits for this course as it is already heavily subsidised by sponsors.

### **Do I get absentee payroll if I am sponsored by my company?**

This competition does not qualify you for absentee payroll.

## **6. Prizes & Perks**

### **Will everyone get personal CLO-3D licenses after the competition?**

Only selected participants will be sponsored the CLO-3D licenses after the competition.

### **How can I qualify for the personal CLO-3D licenses?**

You have to sign a contract that indicates your interest to continue improving your prototyping skills during the 1 year subscription period. By committing to this agreement, you need to submit your portfolio and designs at the end of 1 year as proof of commitment.

### **When do we get access to the personal licenses?**

You will only get access to the personal licenses after signing a contract. More details will be made available to you after your class.

### **How long is the work attachment?**

The work attachments will last 6 months, but you will be given the opportunity to stay beyond the 6 months if the experience is satisfactory to both parties.

### **Which are the companies I can work with, and can I choose?**

The companies that participants will work with are Lidl (1st place), Teo Garments (2nd place) and Ghim Li (3rd place). The company representatives will interview all the 10 finalists before selecting the Top 3.

*Note that the assignment of companies for the second and third place is subject to change.*

### **Can I opt for a Diploma instead of the Accelerated Pathway Programme?**

Participants will have to communicate with their respective companies.