

Eyewear 3D Design and Modelling Course


Course Fee: HK\$8,400 (May apply up to HK\$5,600 subsidy)

*Maximum saving, with the final grant subjects to approval.



This course is designed for professional eyewear designers and engineers in the field of eyewear manufacturing.

Participants of this course will obtain hands-on experience on constructing complex eyewear designs in Rhino 3D, and will be prepared to creating realistic rendering with their models using Keyshot.

Programme code	10012007
Date and time	23 Sept – 11 Nov 2021 19:30 - 21:30 on every Thursday
Venue	Online Broadcast 
Medium	English, supplemented by Mandarin
Course fee	HK\$8,400
Remarks	Limited to 12 seats, first-come-first-serve

Course Objectives

Given the large potential of 3D design technology and rendering technology, the technology has been gaining more traction and popularity among the eyewear industry. To keep up with the new technological trend, it is high time that designers and engineer familiarise themselves with these new designing tools and rendering tools.

Upon completion of this course, you will be able to:

- Understand 3D modelling concepts for eyewear
- Create 3D models with Rhinoceros 3D software
- Construct photorealistic rendering in Keyshot
- Obtain tips and tricks on creating sports and metallic eyewear frames

Prerequisite: Participants should have eyewear design experience and understand basic 3D software techniques

Course Outline

Lesson	Activities
#1	<ul style="list-style-type: none"> • Introduction to design methodology • Eyewear design fundamentals and human factor • Introduction to Rhinoceros 3D software • Rhinoceros 3D: 2D graphic drawing • Transforming 2D drawing to 3D Model – Goggle Design
#2	<ul style="list-style-type: none"> • Understand 3D modelling surface and customisation • 3D eyewear frame • Precision modelling and hinge design • Earpieces and nose pieces design
#3	<ul style="list-style-type: none"> • Organic 3D surface and decorative elements • Introduction to Keyshot rendering and visual presentation technique • Technical drawing
#4	<ul style="list-style-type: none"> • Sports eyewear design and modelling – 1
#5	<ul style="list-style-type: none"> • Sports eyewear design and modelling – 2
#6	<ul style="list-style-type: none"> • Metallic eyewear design and modelling – 1
#7	<ul style="list-style-type: none"> • Metallic eyewear design and modelling – 2
#8	<ul style="list-style-type: none"> • Final critique and eyewear design review

Course Speaker

Prof PJ CHEN, Adjunct Faculty at College for Creative Studies and Authorised Rhino3D Trainer



Course Certification

Participants with 75% attendance or above will be awarded Attendance Certificate to be issued by the Hong Kong Productivity Council and a Rhino Course Certificate by the Authorised Rhino 3D Trainer

Enrolment method

Please complete the online enrolment form for prior registration

Then submit the original form with payment (crossed cheque with full price made payable to “Hong Kong Productivity Council”, & with course name at the back of the cheque) in person or by post to HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong (Attn: Mr Horace CHEUNG)

Participants are advised to make registration on or before 23rd Sept 2021.

RTTP Training Grant Application

Companies should submit their RTTP training grant application for their employee(s) via <https://rttp.vtc.edu.hk/rttp/login> at least two weeks before course commencement. Alternatively, [application form](#) could be submitted by email to rttp@vtc.edu.hk along with supporting documents.

