Library Support for VR, AR and E-learning Resources Production

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LIBRARY

Image by Brad Holbrook from Pixabay
Contents

- 4K, 3D, VR, AR, 360 and aerial video production equipment
- Creative Lab facilities
- VR/AR production software and resources libraries
- Copyright issues
- Q&A
4K, 3D, VR, AR, 360 and aerial video production equipment
4K, 3D, VR, AR, 360 and aerial video production equipment

- 360 Camera
- Camcorders
- LED Lights
- Tripods
- Audio mixer
- Drones
- Speaker
- Microphones
- 3D desktop scanner

https://www.djps.eduhk.hk/av-equipment-for-loan/
Who, what and how

Eligibility: EdUHK students and staff

Loan Period: 7 days

Overdue fine: $2 per day, not renewable

Please send email with your contact details to libsys@eduhk.hk for booking at least 3 working days in advance

Equipment is available for pick up and return at Mong Man Wai Library Circulation Counter on weekdays from 08:30 to 17:00

https://www.lib.eduhk.hk/av-equipment-for-loan/
4K and HD Video Production Equipment

https://www.lib.edu.hk/videoproduction/
Creative Lab Facilities
Creative Lab facilities

Booking via iBooking
Video-conferencing and Recording Equipment

- HD video camera
- Ceiling mount live recording equipment at 4K resolution
VR/AR production software and resources libraries
AR/VR Production

Production Platform (Login required)

Supplement Software (Free)
* For Window PC only

Photo Editing
- e.g. GIMP
- Inkscape*
- Photopea

3D Model Creation
- e.g. Blender
- MakeHuman*

3D Model Collection
- e.g. Sketchfab
- TuboSquid
- Misamo

Misc. Tools
- FBX Converter*
- FBX Review
AR/VR Media Workstations

G/F
- Creative Lab
  - 2 Mac
  - 6 High-end PC

G/F
- PC Area
  - 11 high-end notebook PCs

1/F
- e-Learning Studio
  - 41 notebook PCs

3/F
- Media Production Lab
  - 4 Mac
  - 4 High-end PC

Reserve a workstation via Room Booking / iBooking system
MAKAR editing screen

Play back at mobile device
Create an account in MAKAR

See procedures at https://libguides.eduhk.hk/c.php?g=916296&p=6605030

Login to your account when you are working in the Library’s AR/VR Media Stations

For licensed MAKAR installation on staff PC, use online form:

https://machg2.eduhk.hk/machform/view.php?id=319901

Download MAKAR mobile app
101 AR/VR

- **101VR** integrates Virtual Reality (VR) technology with learning and teaching. Simply utilize 101VR’s scenes and 3D models and by dragging command buttons.
- **101AR** is an all-in-one AR editing tool that includes an online editing platform and a mobile AR viewing application.

- Introduced by OCIO
- **Apply an account at**
  

Basics of 101AR and 101VR and usages in teaching and learning by NetDragon

(Presentation Slides / Video**: “27 Sep 2018 In English”, “3 Oct 2018 In Cantonese”)**
Software pre-installed

Paint in 3D with Tilt Brush

Google Earth

sharecare VR
• Primary /ECE level educational games.
• Question template for every department on selected games
足不出戶
Travel the world inside the classroom
用眼睛遊歷世界

全球眾多歷史名城、遺跡景點，大家到訪過多少個？
大家是如何記錄並與朋友分享所見所聞？
很多時候，
經濟、地理環境、時間等因素大大限
制了學生遊學和擴闊眼界機會。
但透過Wetour平台，它可以為用家
帶來彷如親歷其境的感受，
彈指間於世界各地「用眼睛去旅行」。

https://www.wetourvr.com/
Others services

- 3D printing
- Laser cutting
- A1 printing

Details: https://www.lib.eduhk.hk/3da1printing/
Summary of useful websites

4K and HD Video Production Equipment
https://www.lib.eduhk.hk/videoproduction/

AV equipment for loan
https://www.lib.eduhk.hk/av-equipment-for-loan/

Creative Lab (Pilot Future Classroom)
https://www.lib.eduhk.hk/creativelab/

Guide for VR and AR Digital Resources
https://libguides.eduhk.hk/vr-ar
General Enquiry
Library Information Counter
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libinfo@eduhk.hk

Technical Enquiry:
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