Chalkroom Tech Requirements

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**Computers**

PC with minimum specs of:

- Intel Core i7-4xxx or greater Processor (ie. i7-4790 or i7-6700 or i7-7700)

-Nvidia GTX 1070 or 1080 or 980Ti (or equivalent)

-16GB RAM

-3x USB 3.0 ports

-Windows 10 (English edition)

-250GB SSD

-Keyboard and mouse

-monitor with minimum 1080p resolution

**-or-**

Laptop with minimum specs of:

- Intel Core i7-6xxx or greater Processor (ie. i7-6700HQ or i7-7700HQ)

- Nvidia GTX 1070 or 1080

-16GB RAM

-3x USB 3.0 ports

-Windows 10 (English edition)

-250GB SSD

**Additional hardware**

(1) HTC Vive

(1) HTC Deluxe Audio Strap ([link](https://www.vive.com/eu/vive-deluxe-audio-strap/))

(4) controllers (2 pairs) ([link](https://www.vive.com/eu/accessory/controller/)) [Vive comes with 1 pair of controllers, an extra pair is needed]

Recommended: 1 extra of each piece of VR hardware as backup

(1) 10ft USB 3.0 Type A-to-Type A Cable ([link](https://www.amazon.com/gp/product/B00HSS9KJY/ref=oh_aui_detailpage_o05_s03?ie=UTF8&psc=1))

(1) 10ft Mini-DisplayPort to DisplayPort cable ([link](https://www.amazon.com/gp/product/B013PWQT68/ref=oh_aui_detailpage_o05_s02?ie=UTF8&psc=1))

(2) 10ft HDMI Cables ([link](https://www.amazon.com/gp/product/B014I8T4MO/ref=oh_aui_search_detailpage?ie=UTF8&psc=1))

**Infrastructure**

360-degree swivel stool

-please ensure these are not “locking” swivels, ie. the stool can rotate infinitely

-a [drum throne](https://www.amazon.com/PDP-DW-700-Drum-Throne/dp/B0002E528E/ref=sr_1_3?ie=UTF8&qid=1500926967&sr=8-3&keywords=drum+stool) can be used instead

-An [IKEA Dalfred](http://www.ikea.com/us/en/catalog/products/60155602/) stool is ideal

(2) Stable mounting points for VR tracking lightboxes

-please consult section 2C in [this guide](https://support.steampowered.com/kb_article.php?ref=2001-UXCM-4439#base-install) for more information

VR environment must be shielded from direct sunlight. “Blackout” conditions are preferred. Any line-of-sight to the sky must be shaded at minimum.

**To Be Determined**

Additional requirements in regard to cabling will be determined after reviewing specs of the space where all this will be installed. Some simple overhead rigging is involved.

**Rigging equipment**

A stable overhead structure is required to attach rigging equipment to. It can be as simple as a rigid [steel wire](https://www.amazon.com/dp/B0050K3AOI/ref=biss_dp_sa1) run across the ceiling, or a pipe, or a truss. Anything that can be clamped or zip-tied onto.

(2) 3/16” cable clamps ([link](https://www.amazon.com/gp/product/B01IT43WTY/ref=oh_aui_search_detailpage?ie=UTF8&psc=1))

(2) 48” retractable reels ([link](https://www.amazon.com/gp/product/B0039YY2QM/ref=oh_aui_detailpage_o09_s00?ie=UTF8&th=1))

(2) Pulleys ([link](https://www.amazon.com/gp/product/B01LZKB9JY/ref=oh_aui_detailpage_o02_s00?ie=UTF8&psc=1))

Zip ties of assorted sizes

(1) USB wall charger with at least 4 ports ([link](https://www.amazon.com/Anker-Charger-PowerPort-Multi-Port-Samsung/dp/B00VH8ZW02/ref=sr_1_7?ie=UTF8&qid=1500925995&sr=8-7&keywords=anker+powerport))