KEAN UNIVERSITY MICHAEL GRAVES COLLEGE **SCHOOL OF PUBLIC ARCHITECTURE**
Fall 2022

COMPUTER SPECIFICATIONS:

COMPONENT	SPECS	NOTES
OPERATING SYSTEM	Windows 10 or 11 (64 Bit)	
PROCESSOR / CPU	Intel i7 or i9 Processor	6 Cores minimum
MEMORY / RAM	16 GB +	
HARD DRIVE	500 GB + SSD Drive	Solid-state drives (SSD) are faster at reading and writing data. If you do end up getting a hard drive, it is recommended to be faster than 7200 rpm speed.
VIDEO CARD / GRAPHICS	Nvidia or AMD, 4 GB+ memory, discrete not shared or integrated. Avoid Intel graphics	Dedicated video processors should be one of the following or greater: Nvidia Quadro, Nvidia Geforce 1660, 2060, 3060, or greater
SCREEN SIZE	15" or larger	Personal preference Minimum resolution should be 1920 x 1080. 4k is good but can reduce battery life
RECOMMENDATIONS	Three-year Warranty, Theft and Damage Insurance	

NOTE: Though it's common to use Mac computers in art-related professions, for a lower price students can purchase a similar or more powerful computer that runs Windows. Most software can run on both platforms. The new Macs (M1 chips) are no longer recommended due to the lack of compatibility with Windows.

SUGGESTED COMPUTERS: (Other laptops/brands can work as long they meet the specifications, these are just a few examples)

COMPUTER	LINK	PRICE
Dell Precision 3751	https://www.dell.com/en-us/work/shop/dell-laptops-and-notebooks/new-precision-3571-workstation/spd/precision-15-3571-laptop/s103p3571us_vp	$2,159

Dell Precision 5760	https://www.dell.com/en-us/work/shop/dell-laptops-and-notebooks/precision-5760-workstation/spd/precision-17-5760-laptop/xctop576017us_vp_nvd	$2,569
MSI WF66 11UI-268 15.6" FHD Mobile Workstation	https://us-store.msi.com/Laptops/Workstations?product_id=876	$1,499.99
MSI WS66 11UKT-221 15.6" FHD Mobile Workstation	https://us-store.msi.com/Laptops/Workstations/WS-Series?product_id=874&filter=34%2C35%2C32	$2,599.99
Lenovo Thinkpad P1	https://www.lenovo.com/us/en/p/laptops/thinkpad/thinkpadp/thinkpad-p1-gen-5-16-intel/len101t0033	$2,059
HP ZBook Firefly	https://www.hp.com/us-en/shop/pdp/hp-zbook-firefly-15-g8-mobile-workstation-customizable-1g3t8av-mb#techSpecs	$1605
HP ZBook Studio	https://www.hp.com/us-en/shop/pdp/hp-zbook-studio-156-g8-mobile-workstation-p-4m1k4ut-aba-1	$2529
Razer Blade 15 Base Model - (Refurbishes ones available for lower cost)	https://www.razer.com/gaming-laptops/Razer-Blade-15/RZ09-0410AE22-R3U1	$1799.99

REQUIRED SOFTWARE:

SOFTWARE	LINK	COST
Autodesk [Educational Versions]: AutoCAD [Required] Revit 3ds Max Maya Inventor SketchBook	https://www.autodesk.com/education/free-software/featured	FREE
Rhinoceros 3D (Student License)	https://www.rhino3d.com/sales/north-america/United_States https://www.rhino3d.com/download	$195 (One time payment)
Adobe Creative Cloud (CC) [Student Subscription] Illustrator [Required] Photoshop [Required] InDesign Acrobat Pro DC	https://www.adobe.com/creativecloud/plans.html?plan=edu&promoid=KTROQ	$20 (monthly subscription cost)

Affinity Designer (Similar to Illustrator) Affinity Photo (Similar to Photoshop) Affinity Publisher (Similar to InDesign)	https://affinity.serif.com/en-us/	$54.99 Each (one time payment) Note: This is an alternative to Adobe Creative Cloud. It has most features but not all.
Blender (Suggested)	https://www.blender.org/	FREE