DELAWARE

COLLEGE OF ART

AND DESIGN

**DCAD**

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## LAPTOP AND SOFTWARE RECOMMENDATIONS                    7.1.19

If you are thinking of purchasing a laptop for your coursework here at DCAD, please note the following:

Students who are majoring in Animation, Graphic Design, Illustration and Photography should expect to use the laptop for studio homework and in-class assignments. Fine Arts majors are highly encouraged to invest in a laptop for studio homework and in-class assignments.

Laptop devices must meet the minimum system requirements as outlined by Adobe® in order to successfully run the student edition of Adobe Creative Cloud Suite. To review the system requirements for Macintosh and Microsoft devices visit: **https://helpx.adobe.com/creative-cloud/system-requirements.html**

# General Adobe CC  Requirements - Windows

**Per system requirements outlined by** Adobe®

|  | Minimum requirement |
|---|---|
| Processor | Intel® or AMD processor with 64-bit support; 2 GHz or faster processor |
| Operating system | Microsoft Windows 7 with Service Pack 1 (64-bit)*, Windows 10** (Version 1709 or later) |
| RAM (Graphic Design, Illustration, Photography majors)<br><br>RAM (Animation majors) | 2 GB or more of RAM (8 GB recommended)<br><br><br>16 GB minimum (32 GB recommended) |
| Hard disk space (Graphic Design, Illustration, Photography majors)<br><br>Hard disk space (Animation majors) | 3.1 GB or more of available hard-disk space for 64-bit installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system)<br><br>5GB of available hard-disk space; additional free space required during installation (cannot install on removable flash storage devices)<br><br>Additional disk space for disk cache (10GB recommended) |
| Monitor resolution space (Graphic Design, Illustration, Photography majors) | 1024 x 768 display (1280x800 recommended) with 16-bit color and 512 MB or more of dedicated VRAM; 2 GB is recommended |

| | |
|---|---|
| Monitor resolution space (Animation majors) | 1280x1080 or greater display resolution |
| Graphics processor acceleration requirements | OpenGL 2.0-capable system |

# General Adobe CC  Requirements - MacOS

**Per system requirements outlined by** Adobe®

| | Minimum requirement |
|---|---|
| Processor | Multicore Intel processor with 64-bit support |
| Operating system | macOS version 10.12 (Sierra), macOS version 10.13 (High Sierra), or macOS version 10.14 (Mojave) |
| RAM (Graphic Design, Illustration, Photography majors) | 2 GB or more of RAM (8 GB recommended) |
| RAM (Animation majors) | 16 GB minimum (32 GB recommended) |
| Hard disk space (Graphic Design, Illustration, Photography majors) | 4 GB or more of available hard-disk space for installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system) |
| Hard disk space (Animation majors) | 6GB of available hard-disk space for installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system or on removable flash storage devices) <br><br> Additional disk space for disk cache (10GB recommended) |
| (Graphic Design, Illustration, Photography majors) <br><br> Monitor resolution space (Animation majors) | 1024 x 768 display (1280x800 recommended) with 16-bit color and 512 MB or more of dedicated VRAM; 2 GB is recommended <br><br> 1440x900 or greater display resolution |
| Graphics processor acceleration requirements | OpenGL 2.0-capable system |

# MacOS Device Recommendation

Hardware: Minimum 13"/Maximum 15" MacBook Pro; 512 GB or as large as possible; Base Processor and RAM. (Apple Care service and warranty highly recommended)

Estimated Cost  :                                                                              $1799.00


Software: Adobe Creative Cloud (12-mo student rate)

$239.88/year for first 12 months

$359.88/year after 12 months

Estimated Cost (for 2 years):                                                        $599.76


Total estimated cost:                                                                      $2,398.76

# Windows Device Recommendation


Hardware: DELL XPS 15 7590; 15.6-inch screen, 9th Gen Intel® Core™ processor, 32G memory, 1TB hard disk space.

Estimated Cost:                                                                              $1,549.99


Software: Adobe Creative Cloud (12-mo student rate)

$239.88/year for first 12 months

$359.88/year after 12 months

Estimated Cost (for 2 years):                                                        $599.76


Total estimated cost:

$2,149.75



It is **highly recommended** that all DCAD students have an external back-up drive. I TB external backup USB or Thunderbolt hard drive:                                                                              $60.00

Questions about specific software needs should be directed to the Area Coordinator of that major:

**Animation**: Tad Sare                          tsare@dcad.edu
**Fine Art**: Rachel Bomze                  rbomze@dcad.edu
**Graphic Design**: John Breakey        jbreakey@dcad.edu
**Illustration**: Katy Ro                        kro@dcad.edu
**Photography**: Ron Brignac              rbrignac@dcad.edu