

# TEMPLE UNIVERSITY - KLEIN COLLEGE OF MEDIA AND COMMUNICATION

## STUDENT PERSONAL COMPUTING RECOMMENDATIONS

### Purchasing your Computer

We recommend that students not buy any computer hardware or software until being admitted. The specs on this page will be updated every June or July. Apple computers are available with an educational discount in store or online through the [Apple Education Store](#).

### Choosing the Right Computer and Configuration for You

- Looking to upgrade from our minimum specs? You can weigh these options:
  - A faster processor will shorten render times as you add effects to your projects.
  - More memory will future proof your computer for upcoming technologies, increasing its lifespan.
  - More storage allows for extra hours of media and will also increase the lifespan of the drive.
- Option 1 - Basic Performance is ONLY for occasional media users. This configuration is NOT recommended for Film & Television Production.
- For Apple laptops, the warranty can be extended by purchasing AppleCare at the time of purchase.
- For Windows laptops, be sure to select one with Nvidia RTX (or comparable) graphics cards. This will dramatically increase performance with most media creation software, enable additional rendering options, and allow for the connection of virtual reality headsets.
- Windows PC manufacturers vary. Look for one that includes technical support from the manufacturer or reseller.

### New Purchase Specifications:

<b>Option 1 - Basic Performance Minimum Specs</b> <ul style="list-style-type: none"> <li>• Apple MacBook Air 13" or 15"</li> <li>• Processor: Apple M5</li> <li>• Memory: 16GB RAM or more</li> <li>• Storage: 512GB or more</li> </ul>	<b>Example Uses:</b> <ul style="list-style-type: none"> <li>• Screenwriting</li> <li>• Producing</li> <li>• Media Playback</li> <li>• Journalism</li> </ul>
<b>Option 2 - Editing Performance Minimum Specs</b> <ul style="list-style-type: none"> <li>• Apple MacBook Pro 14" or 16"</li> <li>• Processor: Apple M5 Pro</li> <li>• Memory: 24GB RAM or more</li> <li>• Storage: 512GB or more</li> </ul>	<b>Example Uses:</b> <ul style="list-style-type: none"> <li>• High-Performance Video Editing</li> <li>• Sound Design</li> <li>• Graphic Design</li> </ul>
<b>Option 3 - 3D Performance Minimum Specs</b> <ul style="list-style-type: none"> <li>• 15" or 17" Windows Laptop</li> <li>• Processor: Intel Core Ultra 7 or 9 (Series 2)</li> <li>• Memory: 16GB RAM or more</li> <li>• Storage: 512GB or more SSD</li> <li>• Graphics: Nvidia GeForce RTX 5070 or higher, or Nvidia Quadro RTX 3000 or higher, or equivalent</li> </ul>	<b>Example Uses:</b> <ul style="list-style-type: none"> <li>• 3D Animation</li> <li>• Game Design</li> <li>• Virtual Production</li> <li>• Motion Capture</li> <li>• Virtual Reality</li> <li>• High-Performance Video Editing</li> </ul>

## Using an Existing Laptop:

If you own a laptop that meets the following specifications, you may be able to use it at the school. The minimum specifications are:

- Fewer than 4 years old
- Processor: Intel Core Ultra 5 or better, Apple M1 Pro or better
- Memory: At least 16GB or more preferred
- Storage: At least 512GB SSD or more preferred

## Software:

Software requirements vary by course and division. Once class begins, your instructor can tell you what software is needed. Most software companies have discounted or free versions available for education.

## Hard Drives:

An external hard drive is required to store your projects and move them between your laptop and Klein College workstations.

### Recommended Specs:

- SSD (solid state drive)
- Minimum storage capacity of 2-4TB
- USB 3.1 (or higher) connection