

TECHNOLOGY REQUIREMENTS

Crimson Global Academy depends heavily on technological tools to deliver lessons. It is essential that you have appropriate hardware and software.

Hardware Requirements

Students should have a laptop or device that enables you to annotate documents. ipads or small tablets are not suitable learning devices for Crimson Global Academy

Students will also need access to a suitable camera and lighting.

ICT equipment : Headset and Camera

Camera (can be internal or external)

Example external camera: Logitech C922 HD PRO STREAM WEBCAM Background Replacement + Tripod



Headset

Sennheiser SC 165 USB Wired Binaural Headset with 3.5mm Jack for PC & Mobile



ICT equipment : Laptop

You must have either a:

- **Touch-screen computer** that allows you to annotate during class with an appropriate stylus, OR;
- If your computer does not have touch-screen capabilities, we require students to purchase an **external pen drawing tablet** that can be plugged in to your computer and that allows for annotation.

If you choose to use a touch-screen computer, students need a stylus that is compatible with their computer. Please note that we do not recommend using an iPad or similar tablet.

| RECOMMENDED SPECS FOR LAPTOPS* | |
|--------------------------------|---|
| Processor | Intel Core i5 8265U |
| Processor Speed (GHz) | 3.9 |
| Cache Size (MB) | 6 |
| RAM | 8GB |
| Storage | 256GB SSD |
| Screen Definition | Full High Definition |
| Screen Resolution | 1920 x 1080 |
| GPU Chipset | Intel HD Graphics |
| Wireless Networking | IEEE 802.11ac, Bluetooth 4.1 |
| Connectivity | 1x HDMI 1x USB 2.0 1x USB 3.1 (Type-C, Gen 1) 2x USB 3.0 |
| Operating System | Windows 10 / MAC |

**Note: we do not recommend a tablet such as an iPad.*

Similar Laptops in market :

Acer Spin 5 Flip Laptop 13.3" FHD Touchscreen Intel i5-8265U 8GB 256GB SSD NO-DVD
Win10Home 64bit 1yr warranty - 802.11ac - Webcam - Stylus

Apple 13" Macbook Pro i5 1.4GHz Quad Core (8th Gen.) Turbo Boost up to 3.9GHz 8GB Ram
128GB SSD Intel Iris Plus Graphics 645 - Touch Bar & Touch ID — 2 Thunderbolt-3 Ports

ICT equipment : External Pen Drawing Tablet

Only required for students that do not have a suitable touch-screen laptop.

Recommended drawing tablets include the **Wacom Intuos Graphics Drawing Tablet**, which can be found [here](#).



ICT equipment : Monitor/Screen

Full HD Monitor, IPS Panel, 1920x1080 , VGA+DVI+HDMI+Display Port, Height, Swivel, Tilt and Rotation Adjustments, Built-in Power

Philips 271B8QJEB/75 — 27" Full HD Business Monitor, IPS Panel, 1920x1080
VGA+DVI+HDMI+Display Port, Height, Swivel, Tilt and Rotation Adjustments, Speakers

Recommended Internet Speed

For group calling:

- **Minimum:** For gallery view and/or 720p HD video: 1.5Mbps (up/down)
- **Optimal:** Receiving 1080p HD video requires 2.5 Mbps (up/down), sending 1080p HD video requires 3.0Mbps (up/down)