



# Technology

DEVICE REQUIREMENTS & RECOMMENDATIONS

2022

"Each of you should use whatever gift you have received to serve others,  
as faithful stewards of God's grace in its various forms" - 1 Peter 4:10

# Device Requirements & Recommendations

## GENERAL DEVICE REQUIREMENTS

### GENERAL DEVICE REQUIREMENTS

This information is intended to serve as a guide to aid in the selection of a suitable device for students on the BYOD program.

A laptop that meets the minimum storage, processing and operating requirements is all that is needed. These requirements include the ability to support the most recent operating systems, run word processing applications and connect to the Internet. There are a select few subjects in which students require devices or programs which extend beyond the scope of these minimum requirements. For each of these subjects the school provides dedicated devices equipped with all the required programs and students can access these devices in class time. Students are given sufficient time in class with access to these devices and programs to complete their course work. There is no requirement from the school for students to have personal devices that extend beyond these minimum specifications.

We understand that some students prefer to work at home on their personal devices and would like clarity around the device specifications and programs used in specific subjects. This document seeks to clarify the subjects, specifications and programs required for those who wish to have a personal device equipped for all course work.

The table below outlines the required programs and system specifications all student laptops must meet..

### Minimum BYOD Requirements

	Apple or Windows Device
Programs	Word Processing Internet Browser
Storage	256 GB SSD
Memory	8gB
Operating System	Support recent MacOS or Windows

The following Subjects have additional recommendations

- Design
- Digital Solutions
- Film, Television & New Media

## SUBJECT SPECIFIC DEVICE RECOMMENDATIONS

### DESIGN

The school provides access to devices that the students can work on at school. Students may want a device to work on outside of class but this is not a mandatory requirement as, in our experience, students have enough time to complete the majority of coursework in class with the school's provided devices. Some of the additional programs that are beneficial but not essential for students to have are AutoCad, Inventor, AutoDesk Revit, Adobe Photoshop, Adobe Acrobat DC Pro and Flashprint. The Apple MacOS operating system is not compatible with some of the programs used in Design, and therefore not recommended. A decent PC laptop with an i7 chip (the i7 is highly recommended over the i5), at least 8GB of RAM and if possible, a separate graphics card should suffice.

If you have any further questions, please contact:

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**Contact Details:**

HOD Chris Gater      [c.gater@mueller.qld.edu.au](mailto:c.gater@mueller.qld.edu.au)

### Programs & System Recommendations

	Windows Laptop
<b>Programs &amp; Costs</b>	AutoDesk Inventor – Free AutoDesk Revit – Free Flashprint – Free Adobe Photoshop & Acrobat Pro DC – Monthly Subscription
<b>RAM</b>	16GB preferred
<b>Storage</b>	512GB SSD
<b>Processor</b>	i7 (8th Gen Intel or later preferred)
<b>OS</b>	Latest Windows 64-bit
<b>GPU</b>	Dedicated 2GB+ VRAM GPU recommended

# Device Requirements & Recommendations

## SUBJECT SPECIFIC DEVICE RECOMMENDATIONS

### DIGITAL SOLUTIONS

In Digital Solutions, it is handy to have both a tablet with scribe capability (iPad + Pencil / Surface + Surface Pen) and a laptop. A laptop is an essential requirement as a tablet by itself will not meet course requirements. If students already have either an iPad or Surface, it's recommended to stick within the same family and get an Apple or Windows laptop respectively so that they talk to each other. If students do not currently have a personal device, an Apple laptop is recommended. Apple products are used a lot at school and using technologies such as Airplay and Airdrop is very handy for file distribution and presentation.

Some of the programs that are essential for Digital Solutions are Unity3d + Visual Studio, MAMP & Atom. Having Adobe CC is also beneficial. All of the programs listed are free, with the exception of Adobe CC which is an optional program that some students use to create graphics. Of the above-mentioned programs, Unity 3d requires the most computing power. The general system requirements to run it are as follows.

If you have any further questions, please contact:

#### Contact Details:

HOD Chris Gater [c.gater@mueller.qld.edu.au](mailto:c.gater@mueller.qld.edu.au)

### Optional Specifications & Programs

	Apple or Windows Laptop
Programs & Costs	Unity 3d + Visual Studio – Free MAMP- Free Brackets - Free Adobe CC – Monthly Subscription
RAM	16GB
Storage	512GB SSD
Processor	i7 (8 <sup>th</sup> Gen Intel preferred)
OS	Latest MacOS or Windows 64-bit
GPU	Dedicated 2GB+ VRAM GPU recommended

## SUBJECT SPECIFIC DEVICE RECOMMENDATIONS

### FILM, TELEVISION & NEW MEDIA

The school provides access to devices that the students can work on at school. Students may want a device to work on outside of class but this is not a mandatory requirement as students have enough time to complete the coursework in class with the school's provided devices.

The program that students will be using most in class is Final Cut Pro. This is the only editing program explicitly taught in the course. It can be purchased for a one off cost and runs exclusively on the Apple MacOS operating systems. If your student is committed to editing on Windows, Adobe Premiere is the most direct alternative to Final Cut Pro. Alternatively, for a free professional-level application, Davinci Resolve is recommended and available online. However, bear in mind that there are no instructions provided for its use in this subject. All of these programs require a recent spec Apple or Windows laptop.

Additionally, as Film, Television & New Media requires students to capture and edit significant amounts of high- quality footage one of the key components to a personal device is having sufficient storage. We recommend a minimum of 512GB storage.

If you have any further questions, please contact:

#### Contact Details:

HOD	Simon Ratcliffe	<a href="mailto:s.ratcliffe@mueller.qld.edu.au">s.ratcliffe@mueller.qld.edu.au</a>
Subject Teacher	Mark Blackmore	<a href="mailto:m.blackmore@mueller.qld.edu.au">m.blackmore@mueller.qld.edu.au</a>

### Optional Specifications & Programs

	Apple Laptop	Windows Laptop
Programs & Costs	Final Cut Pro - One off Cost	Adobe Premiere Pro - ONE off cost
RAM	16 GB	16 GB
Storage	512GB SSD	512GB SSD
Processor	i7	i7 (8 <sup>th</sup> Gen Intel preferred)
OS	Latest MacOS	Windows 64-bit
GPU		Dedicated 2GB+ VRAM GPU recommended
Additional Information	SD CArD (min 16GB, Class 10 speed)	SD Card (min 16GB, Class 10 speed)

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