



## Specification Requirements BYOD

### Hardware Specification Requirements

<b>Form Factor</b>	<p>Laptop</p> <p><b>Note 1:</b> The device must also have a camera and microphone. A stylus may be appropriate for touch screen devices.</p> <p><b>Note 2:</b> BVC has made the decision that mobile phones, smartphones and tablets will not be part of the BYOD program</p>
<b>Physical Dimensions</b>	<p>Minimum Screen Size: 9.7"</p> <p><b>Note 3:</b> This ensures meaningful keyboard-based work can be compiled with the device while also sustaining ergonomic posture and reducing visual fatigue</p>
<b>Operating System</b>	<p>Microsoft Windows Chrome OS (<b>Recommended</b>)</p> <p><b>Note 4:</b> Windows is available as a free download to students through the DET Portal</p>
<b>Processor</b>	<p><b>Note 5:</b> A quad core or better device is recommended but the need for processing power really does relate to the intended purpose</p>
<b>RAM Memory</b>	<p>Minimum Ram: Laptops 8GB ***Please see software section for requirements for hardware that needs to run the Adobe Suite of software</p>
<b>Wireless Compatibility</b>	<p>Wireless connectivity required. Devices that connect via the 802.11n Wi-Fi Standard, both 5 Ghz and 2.4 Ghz frequency devices will connect</p>
<b>Battery Life</b>	<p>Advertised battery life of 5 hours or more</p>
<b>Storage</b>	<p>Minimum 64GB storage on laptop device is required. This should be considerably larger (128GB) if SSD equipped and if students intend to use the Adobe Creative Cloud Suite of software available to students through the Student DET Portal. (See last note on additional recommendations).</p> <p><b>Note 6:</b> Students are to make use of cloud based options like Google Drive that are available to students via their DET Portal Login.</p>
<b>Protective casing</b>	<p>Students are required to store their device in a suitable protective case when not in use.</p> <p><b>Note 7:</b> A scratch/impact/liquid-splash resistant case is recommended. A screen protector may also be advisable for touch screen devices</p>
<b>Additional Recommendations</b>	<p>Maximum weight: 2kg USB 2.0 or USB 3.0 port (Highly desirable) Accidental loss and breakage insurance</p>



## Software Requirements

In addition to the hardware requirements outlined above, the device must also have access to the following software. Please note that a **free student download exists** for most of the software solutions below through your student's DET Portal Login.

Software	One of the following:
<b>Operating System</b>	As outlined above
<b>Web Browser</b>	Microsoft Explorer, Microsoft Edge, Mozilla Firefox and / or Google Chrome
<b>Note Taking / Word Processor</b>	Microsoft Office, Microsoft Office 365 (online), Microsoft One-note and / or Google Docs
<b>Spreadsheet Software</b>	Microsoft Excel and / or Google Sheets
<b>Presentation Software</b>	Microsoft PowerPoint and / or Google Slides
<b>Pdf Document Viewing Software</b>	Adobe Acrobat Reader or Equivalent Software
<b>Google Apps</b>	Either through the browser or via a dedicated application
<b>Additional Recommendations</b>	<p>Adobe Creative Cloud suite (free download from student's DET Portal account). Check computer specifications carefully to comply if this is software your student would like to use. Adobe Creative Cloud software is designed for higher end manipulation of graphics, video, animations, and illustrations.</p> <p><b>Note:</b> Adobe Flash and Adobe Animate are not compatible with Apple IOS devices</p>


  
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