TLC's EdMedia

Audio & Video Software/Hardware Guide

VIDEO HARDWARE

PRO:

- DSLR (Digital Camera) eg: Panasonic GH4
  A camera like this is great for it's lightweight versatility and ability to function as both a high definition video camera and a powerful still image photographic camera. Can use exchangeable lenses.

- Professional Video Camera eg: Sony PMW 200
  A designated video camera has all the bells and whistles needed for a professional looking video project. Larger than a DSLR, it has multiple microphone inputs and a wide range of customizable features.

CONSUMER:

- Mobile Device eg: iPhone, Android, tablet
  We have these with us all the time and they can be very useful for quick recordings. Most can now record in HD, just make sure not to move around to much to avoid the jittery handheld effect. Also be aware AUDIO quality may be an issue.

- Digital HandyCam eg: Sony HandyCam
  These cameras have come a long way. Affordable, small and portable they all recod in HD and are very easy to use and can be mounted on a tripod. Again, you might want to consider one that has a mic input (1/8" AKA mini jack) and not rely solely on the built in microphone.

- Webcam eg: Logitech
  Most newer webcams record in HD at 720p or 1080p (recommended resolution for HD video). Super easy to use they are most often USB and plug directly into your computer. Perfect for recording yourself at your desk.

- ZOOM Q2
  This is a VERY useful camera as it also combines HD video recording with ZOOM microphone technology. Small, easy to use it is a very versatile Audio Video recorder. Its limitations are in it has a small camera with limited zoom. Very good for interviews, or for in-the-field recordings.

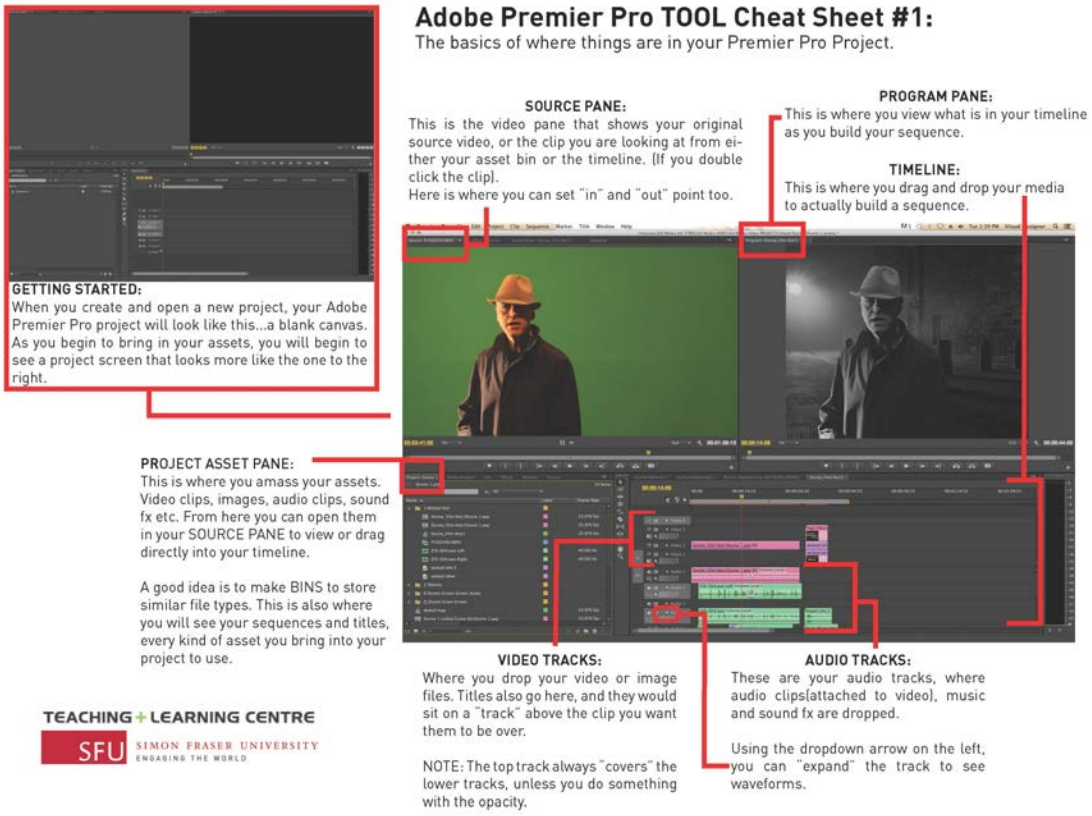
  Ask the EdMedia team for more info as we have some for loan.

VIDEO SOFTWARE

PRO:

- Adobe Creative Suite eg: Premiere Pro, After Effects etc.

  The Adobe Creative Suite is a full range of media creation and production tools. They are very powerful professional tools and can have a steep learning curve at the beginning. As a resource I have created a "HOW TO USE" document for Premiere Pro that breaks it down and makes it easy to use. Have a look if you think this is where you want to be as a media creator. Also native in the suite are Photoshop, Illustrator and InDesign.



PREMIERE PRO Cheat Sheet1.pdf
PREMIERE PRO Cheat Sheet2.pdf
PREMIERE PRO Cheat Sheet3.pdf

CONSUMER:

- iMovie (MAC)
  Originally a native editing system for home Mac computers now, this user-beginner friendly editing program is available for all iOS devices like iPhones and iPads.

- Windows Movie Maker (PC)
  A simple and easy to-use video editing program for PC computers and tablets.

- Camtasia
  Increasingly people are trying, and using Camtasia for a variety of different tasks. While being one of the more popular ***screen-capture*** programs out there, it also allows for video editing, the importing of slides or images and hosts a variety of transitions, effects and allows for adding music etc to your video creations.

AUDIO HARDWARE

PRO:

- Microphones:
  There are too many microphone types and uses to cover here in depth. Common types are: shotgun and lapel (lavalier), ZOOM H4N

CONSUMER:

- We covered a few of these types in the Audio module.
  RECAP: USB microphone, mobile device.

AUDIO SOFTWARE

PRO:

- Pro Tools, Adobe Audition
  Both of these professional audio editing and recording programs are powerful but also require a fair commitment to learn. But if sound is our bag, these are top of the line.

CONSUMER:

- GarageBand
  Free for Mac users, GarageBand is a great tool for recording, editing, mixing and manipulating audio. Fairly easy to use there are plenty of tutorial videos online. A definite go to!

- Audacity

  A free, cross platform (Mac & PC) multi-track audio editor and recorder, this is a perfect option if GarageBand is not your thing.