



Required equipment, software and materials!



To learn more, email info@aias.edu.au
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online at www.aias.edu.au

Computer Specifications and Software

Central to the online Certificate III in Design Fundamentals course is a reliable computer with robust specifications able to edit high quality photo images and video productions. Your computer must be powerful enough to run our core programs which are essential to successfully completing the course.

PC Specs:

i5 - i9 CPU

Minimum 16Gb of RAM

Most importantly - it MUST have 4Gb or more of GRAPHICS CARD MEMORY. Less than this and it will not run the video editing software.

MAC Specs:

Apple M1

Storage:

It is recommended you have ample storage space on your computer hard drive (more is better).

We also recommend an external hard drive for backups of at least 1TB.

Software:

You will need to download and install the following software:

DaVinci Resolve (The free version not Studio)

Affinity Photo (Trial Version)

Affinity Designer (Trial Version)

Affinity Publisher (Trial Version)

Once you are enrolled and have paid the courses fees, we will send you a user name a product key to register the Affinity software to use for the period you are enrolled as an AIAS student.

For the Photoimaging and Video modules you need a production kit which includes the following:



Photography & Video Equipment

Camera:

You need a digital SLR or mirrorless camera that is capable of shooting RAW photos, filming a minimum of 1080p footage, can adjust ISO, shutter speed, aperture and has interchangeable lenses.

This can be a sky's the limit type purchase or something you purchase second hand.

For example, at the college we have a \$6,000 Sony FX3, a \$2000 Sony A7III and a second hand \$300 Canon 600D.

All will do exactly what is required for the video and photoimaging modules.

But the Canon or a similar type camera is perfectly suited for this course.

If you already have a camera or you are not sure what camera is suitable, please contact us.

Lens Filter:

Variable ND Filter to suit your camera lens/lenses

Some of the video work outdoors may require a variable ND filter for your lens.

If you are unsure of which one to buy and the correct size for your camera lens, please contact us.

Lapel Microphone:

This microphone will need to be attached either to your camera or mobile phone to record audio.

If you are unsure of which one to buy and the correct plug type for your camera/mobile phone, please contact us.

Tripod:

You will need a tripod that is suitable for both video and photography.

We recommend one that has an interchangeable head. A fluid head for video and a ball head for photography.

If you are unsure of which one to buy, please contact us.

As part of the Drawing and Design module you will need the following materials:



Design and Drawing Art Supplies

Basics:

A4 or A3 Visual diary

Variety of graphite pencils: HB to 6B

Regular eraser

Putty eraser

Sharpener

Variety of Artline pens: 0.4 minimum

Steel ruler 30mm or 50mm

Painting:

Acrylic colours - red, blue, yellow, black and white

Paint brushes - variety of sizes: 3mm upwards

Not essential/nice to have:

Cutting mat

Glue stick

Scissors

Coloured paper

Coloured markers

Paint palette for mixing

Other acrylic paint colours

Charcoal/Conte chalk

If for any reason you cannot purchase some of the required equipment and materials, please contact us as we may be able to come up with an alternative for you.

