

## Hardware

Below are the specification for **Desktop** or **Laptop Computers** recommended for login to ICHAS Information Systems and Adobe Connect Live Lectures. Although some hand held mobile devices support the use of Adobe Connect and other IS, the college will not endorse their use for our Blended Learning environment and will not be able to provide technical support for their use.

### Windows based Laptops and Desktops

- 1.4GHz Intel® Pentium® 4 or faster processor (or equivalent) for Microsoft® Windows 7, Windows 8, Windows 8.1 or Windows 10
- Windows 8.1 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows 10 (32-bit/64-bit)
- 1GB of RAM (2GB recommended) for Windows 7, Windows 8, Windows 10
- Google Chrome, Microsoft Internet Explorer 9 or later; Mozilla Firefox;
- Adobe® Flash® Player 11.2+

### Mac OS based Macbooks and Desktops

- 1.83GHz Intel Core™ Duo or faster processor
- 1GB of RAM (2GB recommended)
- Mac OS X 10.8, 10.9, 10.10
- Google Chrome, Mozilla Firefox; Apple Safari;
- Adobe Flash Player 11.2+

### Linux based Laptops and Desktops

- Ubuntu 14.04; Red Hat Enterprise Linux 6; OpenSuSE 13.1
- No Add-in support for Linux. Users on Linux can attend meetings in the browser.
- Google Chrome
- Adobe Flash Player 11.2+

### Mobile

- A variety of devices can run Adobe Connect but are not supported for Blended Learning by ICHAS. You should first test any devices you intend using with our services.

## Additional Requirements

### Headsets

ICHAS requires that, regardless of the computer you are using, you use a combination headphones and microphone Headset when engaging with Live Adobe Connect Lectures. These headsets reduce background noise, interference, feedback, and greatly enhance the user experience of live broadcasts with two way communications.

### Web Cam

Although not essential, a web cam will afford you the opportunity to further enhance your engagement with live lectures when opportune.

### Broadband

1Mbs+ Fibre/DSL/Cable Broadband (Wired connection preferred to WiFi). (Please ensure you test the speed of your connection for the times that live lectures will be broadcast to make sure you can get a minimum download speed of 512Kbs+)

Mobile Broadband connections of similar speeds to the above may be used but are not recommended as they have proved less than reliable in the past. There use will require a little trial and error to see if they are suitable for your situation.

Adobe Connect software includes support for the following languages: Brazilian Portuguese, Chinese Simplified, Dutch, English, French, German, Italian, Japanese, Korean, Russian, Spanish, and Turkish.

## SUPPORT

ICHAS IT Support staff will be on hand during the Induction period to answer any technical queries you may have and to advise on equipment choice and purchase if required.

You will receive a guide to using Adobe Connect and a number of “Trial Lectures” will be broadcast over two weeks pre-semester to allow you the opportunity to test your equipment and settings. It is strongly advised that you avail of this service to avoid any problems during real live broadcasts.