

Unit 4.1: Graphics Software

Graphics are basically visual presentations of the object or idea, on or off the computer screen.

Images or graphics have been used as a tool for information distribution or storytelling since prehistoric times.

After the growth popularity of computer, a graphic or images can be computer-generated.

It is a process by which a computer displays data pictorially.

As a result, desktop and computer graphic artists has started to embrace new tool which is computers to express their idea, visually and digitally.

In computer science, graphics is defined as the pictorial representation and manipulation of data, as used in computer-aided design and manufacturing, in typesetting and the graphic arts, and in educational and recreational programs.

Graphic is one of the key elements of multimedia. Graphic is one of the strongest aspects to attract user's attention.

It also makes presentation more unique with the use of images.

We have to explore the human side of the multimedia experience to see how the user perceives the message that is conveyed through the graphical representation.

Computer artists are trying to create a virtual people to look as real as possible, using advanced computer graphic techniques.

Image editing software is often distinguished by apparently infinite array of toolbars, filters and transformations functions.

I think you probably need image editing software to edit and retouch your digital photo album.

Since the explosive growth of digital cameras and mobile phone cameras, you can easily get the collection of your most favorite images.

Since then, it is rare for you to see printed processed photo. It seems that nowadays, everything has to be in digital form.

By using graphic software programs, you can manipulate them by resizing or cropping, enhance, or transform digital images.

Popular digital image editor software is Adobe Photoshop, Paint Shop Pro, Visualizer, Photo Studio and Corel Photo-Paint.

Adobe Photoshop is claimed by Adobe Systems as the industry standard for graphics professionals.

The list of what image editing tools such as Photoshop can do for you are as follows:

- Merging of images
- Image size alteration
- Cropping an image
- Colour adjustments
- Removal of unwanted elements
- Image orientation
- Sharpening and softening images
- Contrast change and brightening

That's all about graphic software.