

Creative Computing: Introduction to Digital Photography

Leader/author: Gary Thomson

Class 2

These notes summarise the main topics of tonight's class. The text is also available at the creative-computing blog, plus links.

Scanning - using the *Scanner and Camera Wizard*

- Scan a photo for the highest resolution for which the image will be used. Standard for video monitor is 72 dpi
 - For printing scan at the same resolution as will be used as when printed (eg 300 dpi)
 - Scanning at a higher resolution is acceptable, at a lower resolution is not
 - Ensure any print, especially those with a glossy surface, are scrupulously clean. Any specks of dust, fibres, loose hairs will show up sharply on the resulting scans
- from *Photoshop Elements 3* by Carole Matthews and Doug Sahlin
 - But note:
 - A Note on Resolution: The vast majority of scanning projects require resolutions lower than 300 dpi. For example, scanning a photograph at resolutions higher than 150 to 200 dpi only produces a larger file, not more detail.

Digital image editing - *PS Elements and Keith Cooper's tutorial*

Keith Cooper is a photographer and photography tutor in Adult Ed who has kindly made his tutorial in Elements, and his sample images, available online. This is what he had to say in reply to my request for use of his materials

That's not a problem – I'm always happy for the images to be used for teaching purposes. Do let me know if you have any comments or feedback on their use, since I'm always trying to

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make the site more useful...

- ◇ Elements tutorial on techniques
- ◇ images – these will not download in the Library but will be available for you to download at home. Of course they are also available from Keith's site.

The idea here is to

- A. download the practise images to your hard disk (right-click the images link above and choose Save Link as...)
- B. unzip them (achieved by double clicking the downloaded file)
- C. move the resulting folder to, say, your My Pictures folder
- D. open the tutorial in your web browser (click the link Elements tutorial above and scroll down to The techniques)
- E. launch Adobe Photoshop Elements
- F. work through the tutorial on The techniques
- G. switch between the tutorial for instruction, and
- H. carry out the instructions in Elements

If you do not have Photoshop Elements 4.0 you can download a trial version from Adobe – see the blog for the link to download page for Elements tryout.

The screenshots in Keith Cooper's tutorial are from an earlier Macintosh version of Elements. This should not cause too much confusion if you read the instructions and concentrate on the commands shown in the screenshots.

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