

Photography and Video

1 . Equipment

Cameras
Lens
Lights
Microphones
Tripods
filters

2 . Photography- basic principles

Shutter Speed and Aperture Depth of field
Sensitivity (ISO)
Tonal Range, color temperature (white balance)
Measuring light (light meter)
Composition (rule of thirds, Framing, Symmetry and patterns, vanishing Point, horizon line).

3 . Video- basic principles

Shots
vídeo and sound recording

4 . Photo and video field session

5 . Digital photography

Bit, byte e megabyte
Pixel
Depth of color.
Color mode.
Retouch.
Scanner
File types – BMP/ JPEG / PNG/TIFF / RAW.

Photo editing with Gimp software.
The gimp Interface.
Getting Images Into GIMP.
Saving Images.
Combining Images and using layers.
Enhancing Photographs
Cropping
Improving Colors and dealing with Exposure Problems



Video Editing

Photo editing with Windows Movie maker software

The Windows Movie maker interface

Adding videos and images

Adding sound

Creating a video snapshot

Adding Titles, Captions, and Credits

Exporting video