

CAMERAS

DSLR, point & shoot, ILC/Mirrorless



DIGITAL PHOTOGRAPHY REFERENCE

EXPOSURE MODES

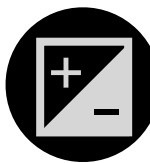
how you set camera modes

- AUTO *All automatic settings (flash if needed)*
 - P *Program Mode (auto w/ customization, no flash)*
 - A *Aperture Priority*
 - S *Shutter Speed Priority*
 - M *Manual (choose Aperture & Shutter Speed)*
- Scene modes choose for you*

EXPOSURE COMPENSATION

quick exposure adjustments

PRESS



while turning
COMMAND
DIAL

WHITE BALANCE

how your camera sees color

AUTO Auto



Incandescent



Fluorescent



Direct sunlight



Flash



Cloudy



Shade

PRE White balance preset

ISO

the sensitivity of the digital sensor to light

higher ISO "faster"	more sensitive more noise allows faster shutter speeds
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lower ISO "slower"	less sensitive more detail allows larger apertures
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RHHS PHOTO CECIL

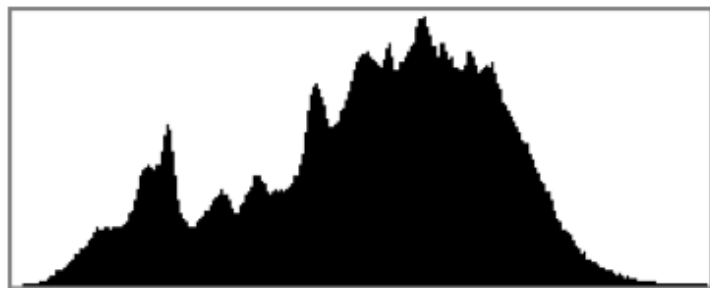
FLASH

adding artificial light to your photograph

- | | |
|---------------------------|---|
| Fill Flash | Using flash to fill-in darker parts of a picture |
| Rear-Curtain Sync | Flash firing as shutter closes to freeze final movement |
| Red Eye | Pre-flash used to dilate pupils OR move flash farther from lens |
| Flash +Slow Shutter Speed | Illuminate dark backgrounds by slowing your shutter speed |

HISTOGRAM

a graph of the values of a photograph



DARK MIDDLE LIGHT
avoid losing details at either end