DIGITAL PHOTOGRAPHY

Exposure

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EXPOSURE

The amount of light on the image sensor.

refers to the amount of light
allowed to fall on the image sensor in the camera during image capture.

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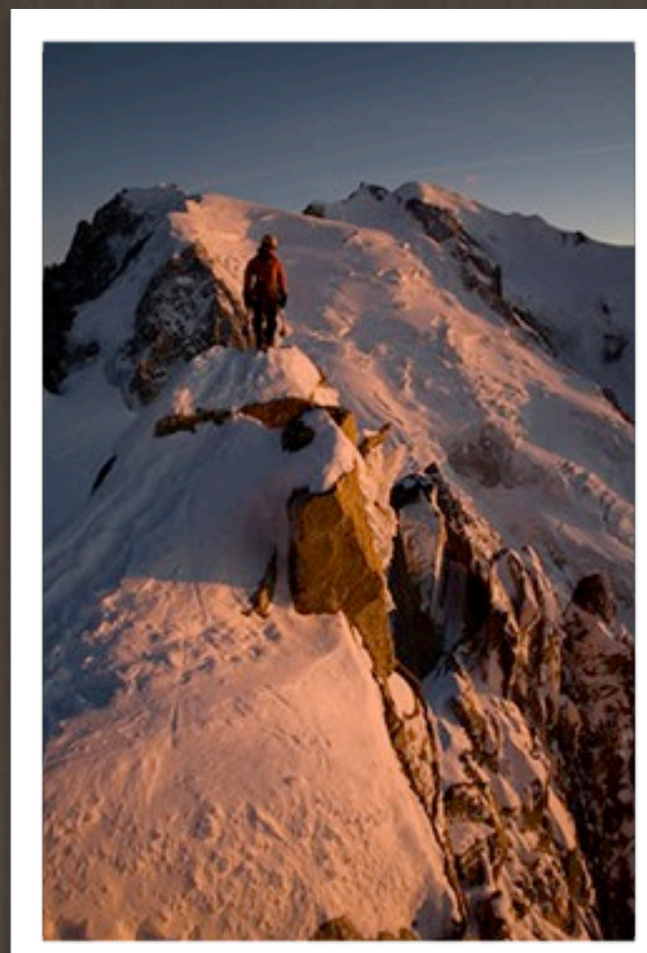

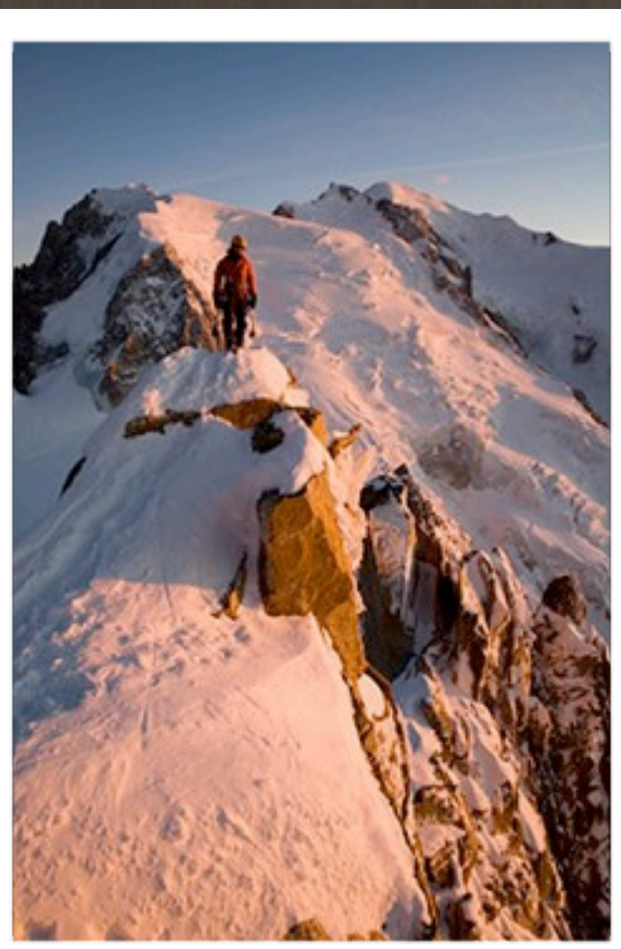

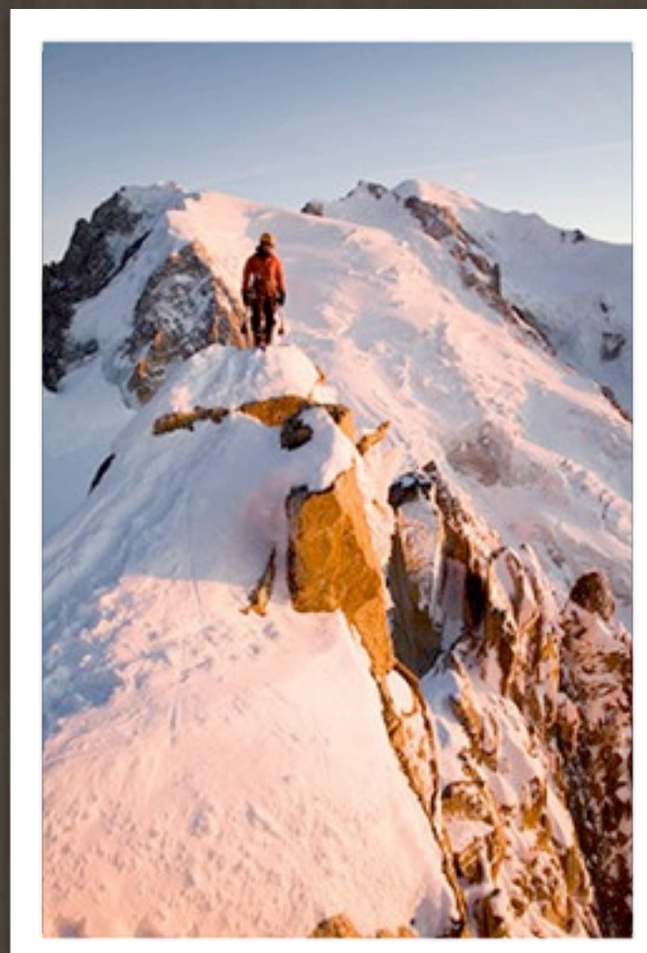

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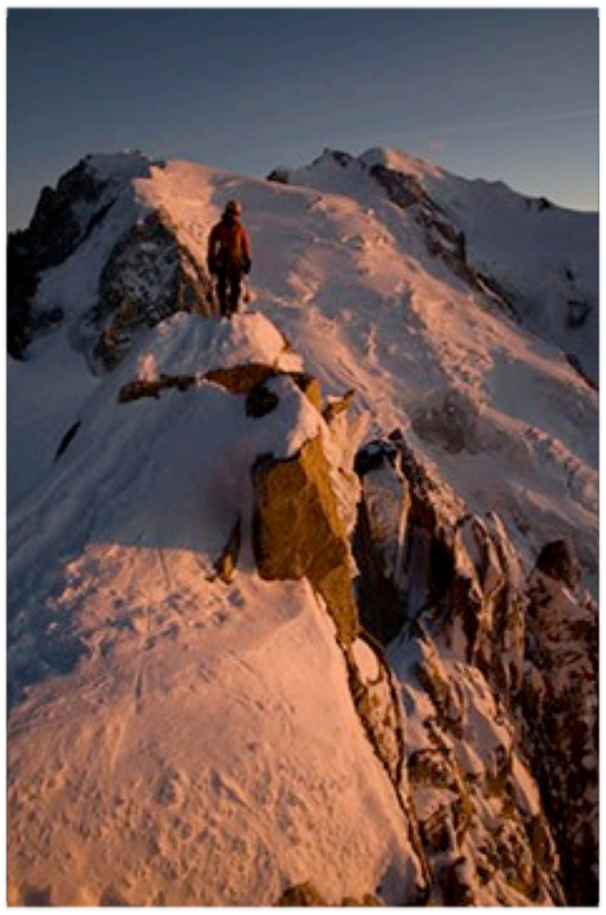
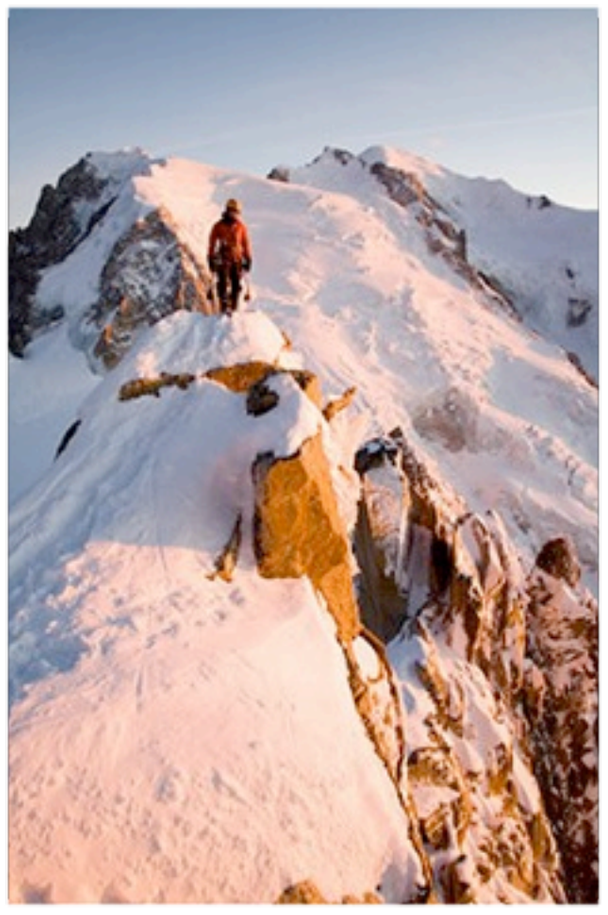


under exposed

correctly exposed



over exposed

refers to the amount of light
allowed to fall on the image sensor in the camera during image capture.

DIGITAL PHOTOGRAPHY

EXPOSURE

Exposure is the result of the combination of the following:

DIGITAL PHOTOGRAPHY

EXPOSURE

1. The size of the lens opening (aperture)

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2. The length of time that the image sensor receives light (shutter speed)

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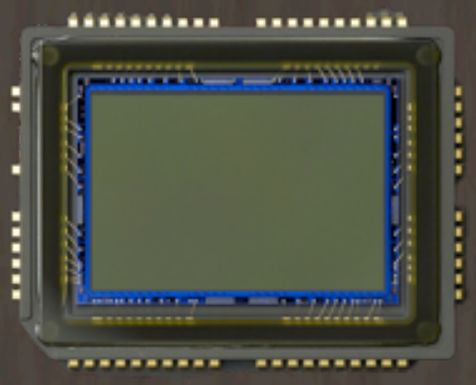

3. The light sensitivity of your image sensor (ISO).

Exposure is the result of the combination of the following:

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EXPOSURE TRIANGLE

The “goal” is to have zero on the light meter.

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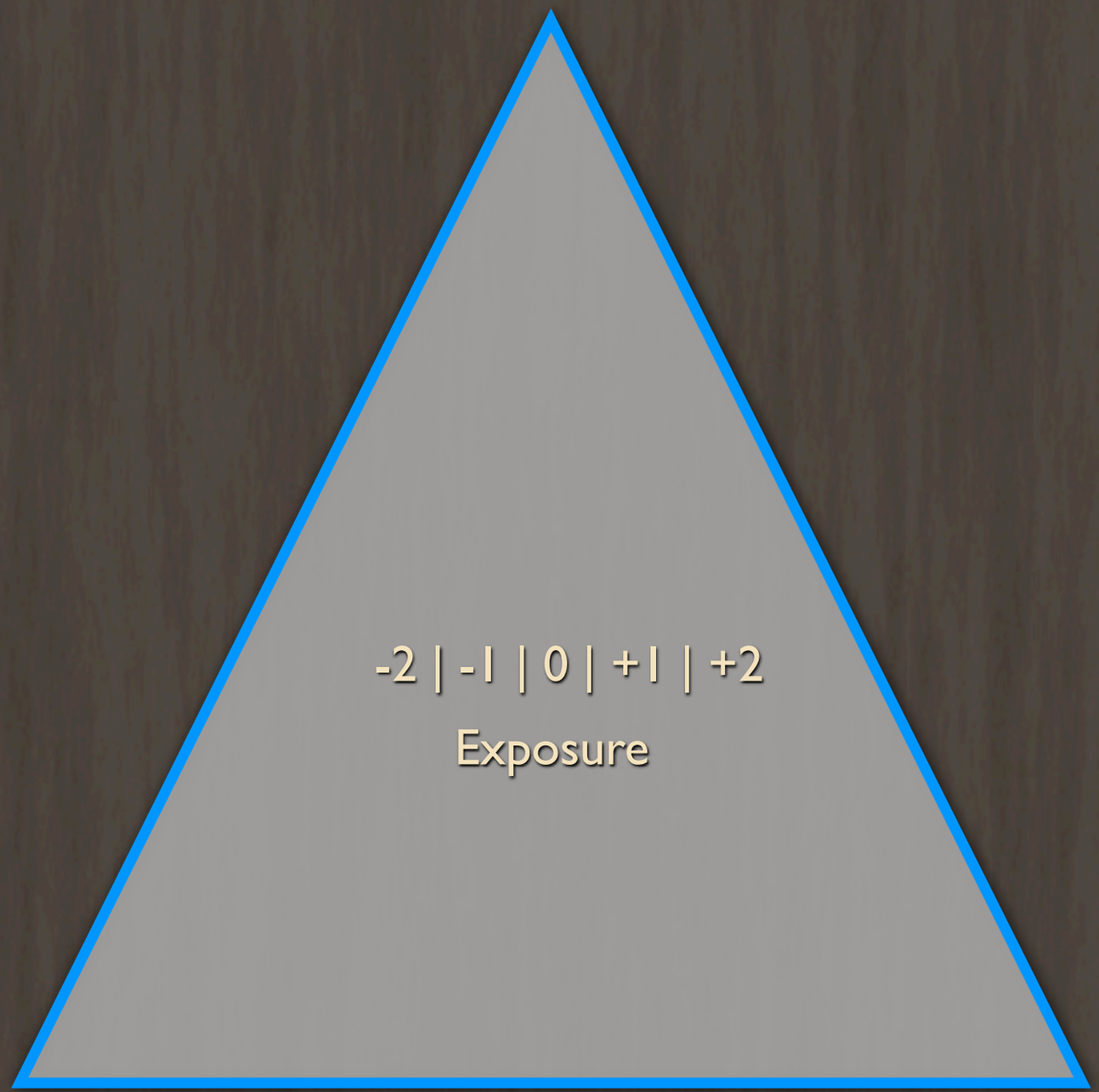
EXPOSURE TRIANGLE



The “goal” is to have zero on the light meter.

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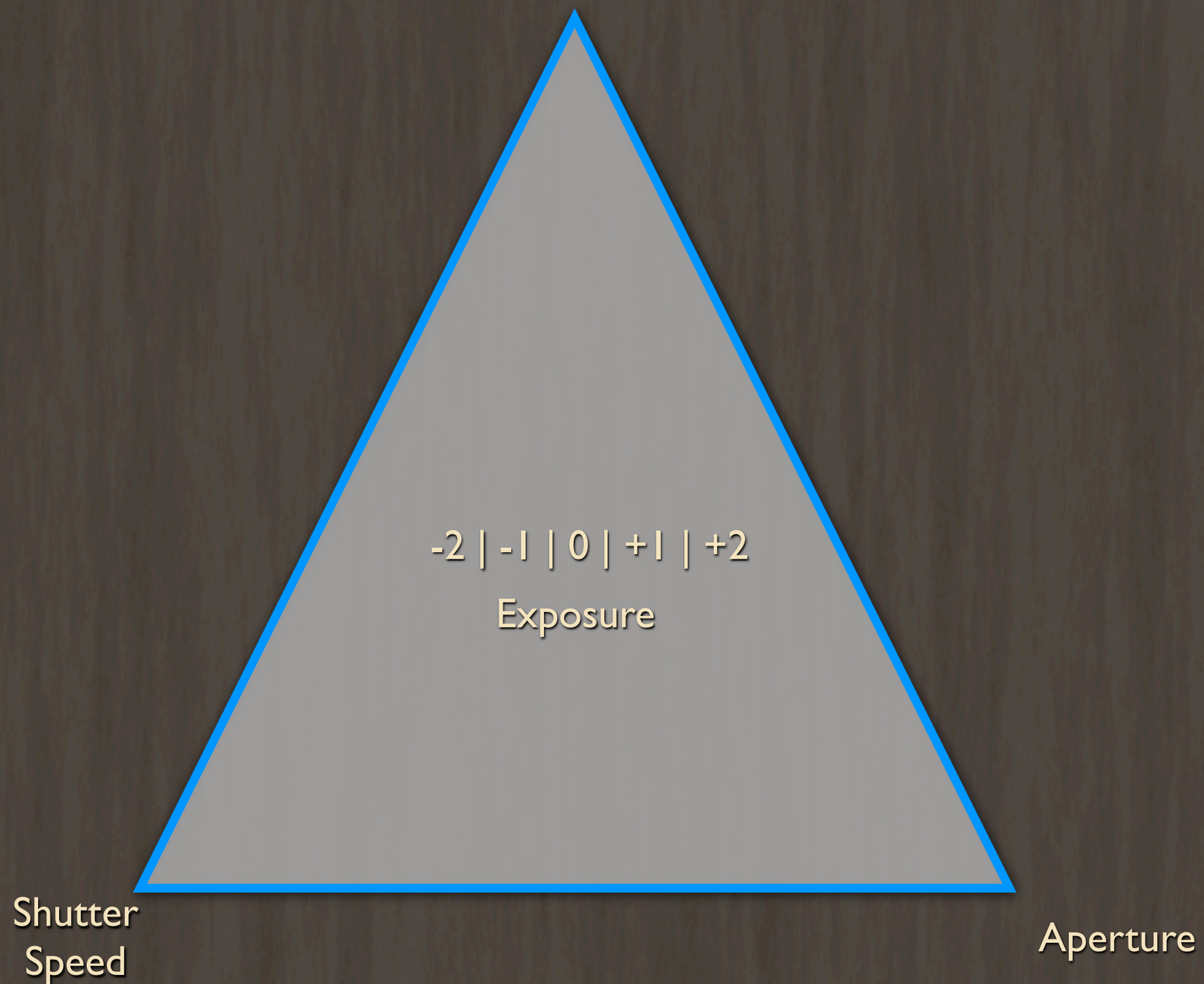
EXPOSURE TRIANGLE



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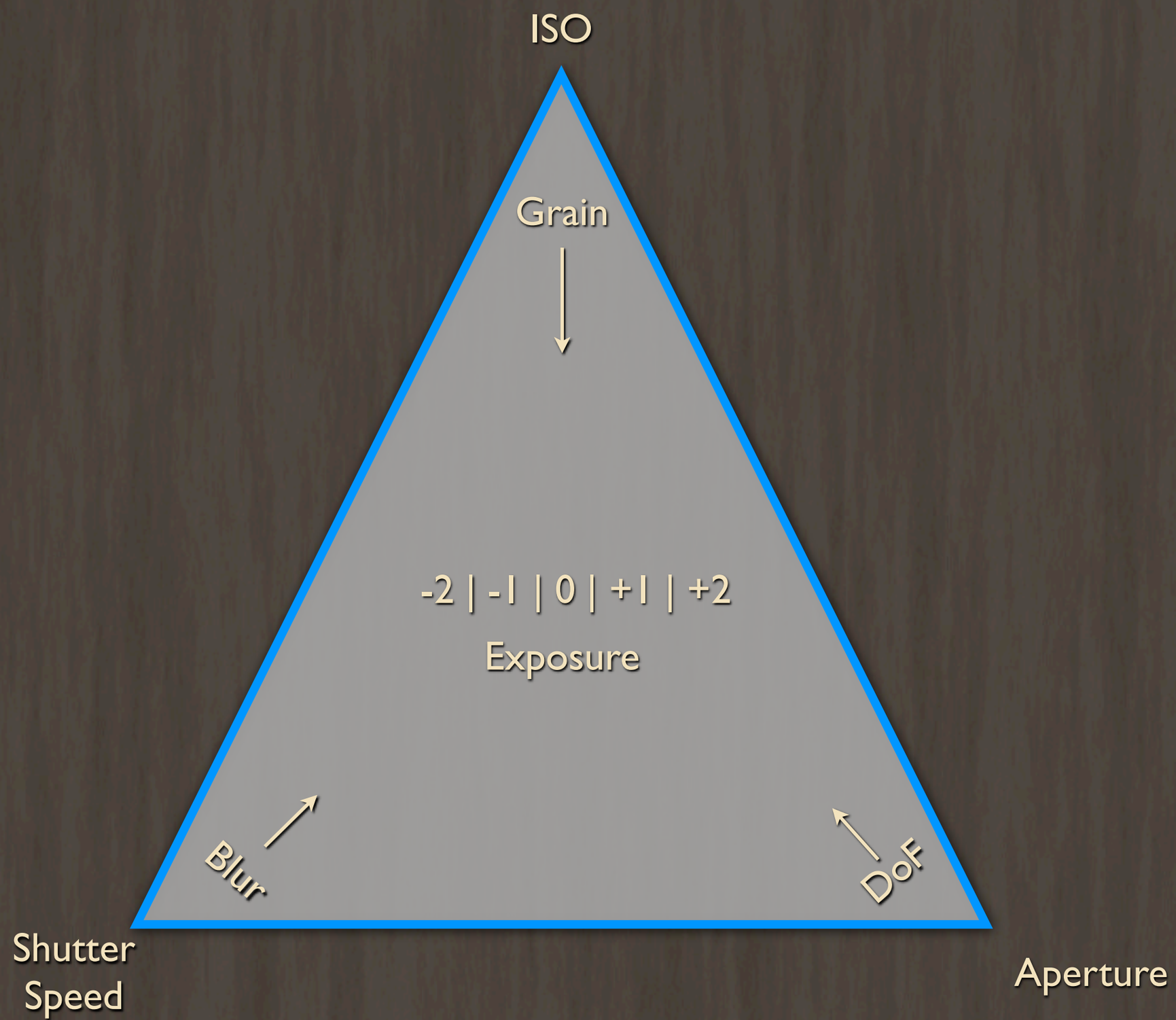
EXPOSURE TRIANGLE



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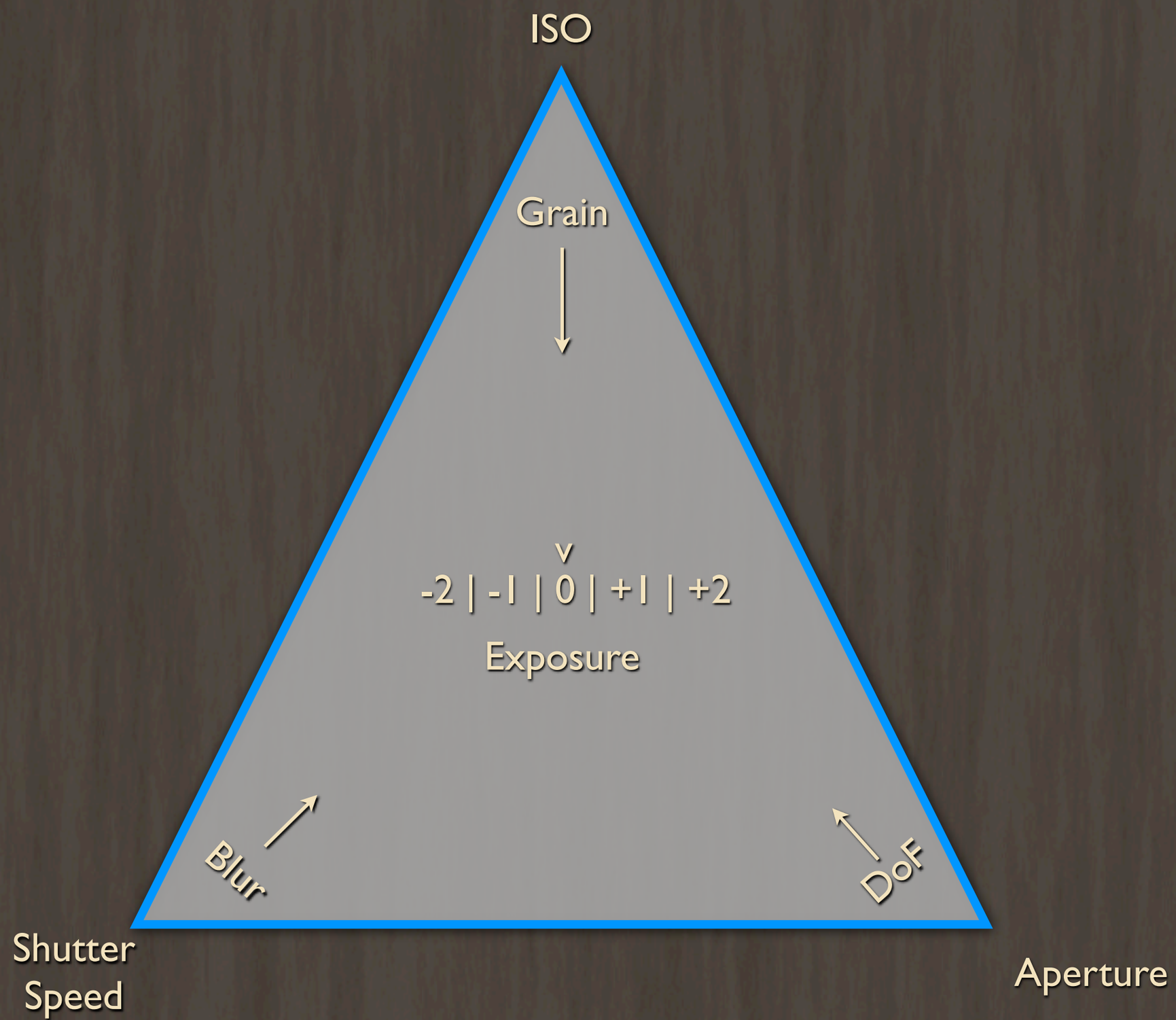
EXPOSURE TRIANGLE



The “goal” is to have zero on the light meter.

1. Size of Lens Opening - Aperture / F-Stop

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f2.8 f4 f5.6 f8 f11 f16 f22

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f2.8 f4 f5.6 f8 f11 f16 f22

Amount of light

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Aperture

How much light do you need?

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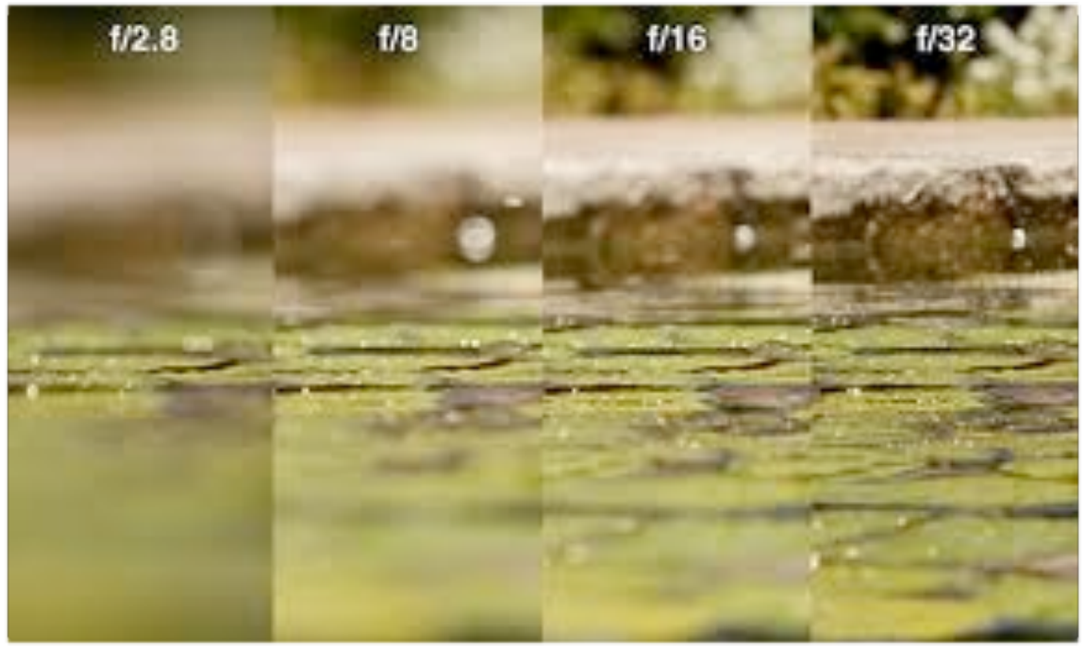
DIGITAL PHOTOGRAPHY

Aperture



How much light do you need?

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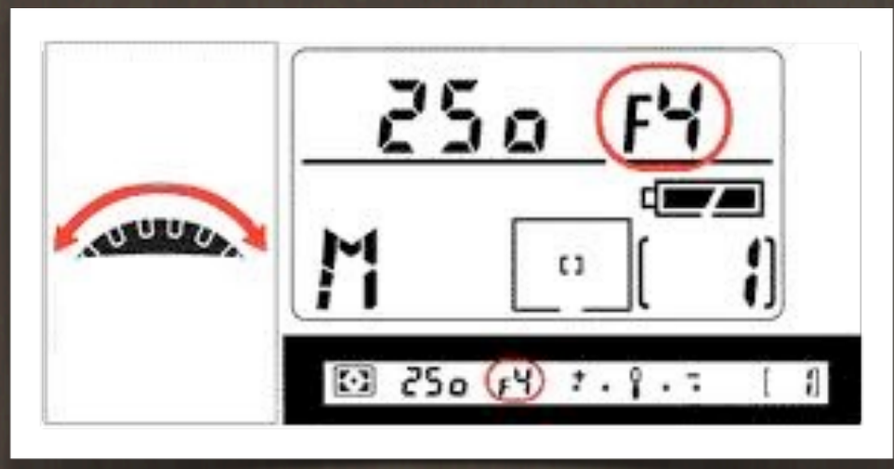
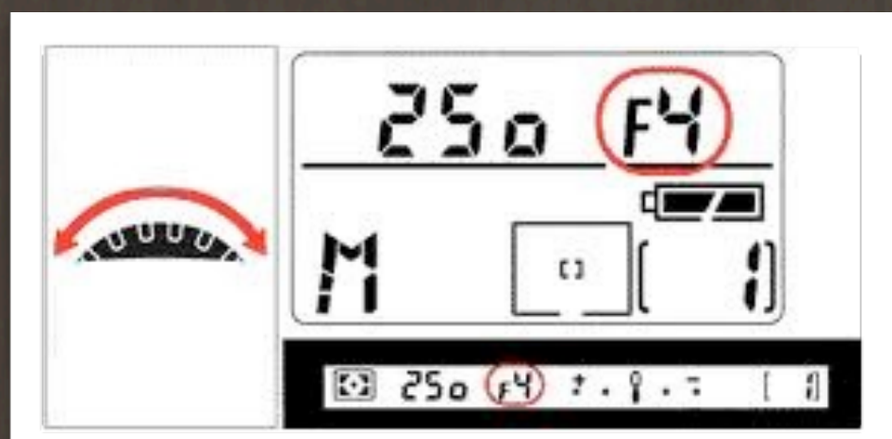
Setting Aperture

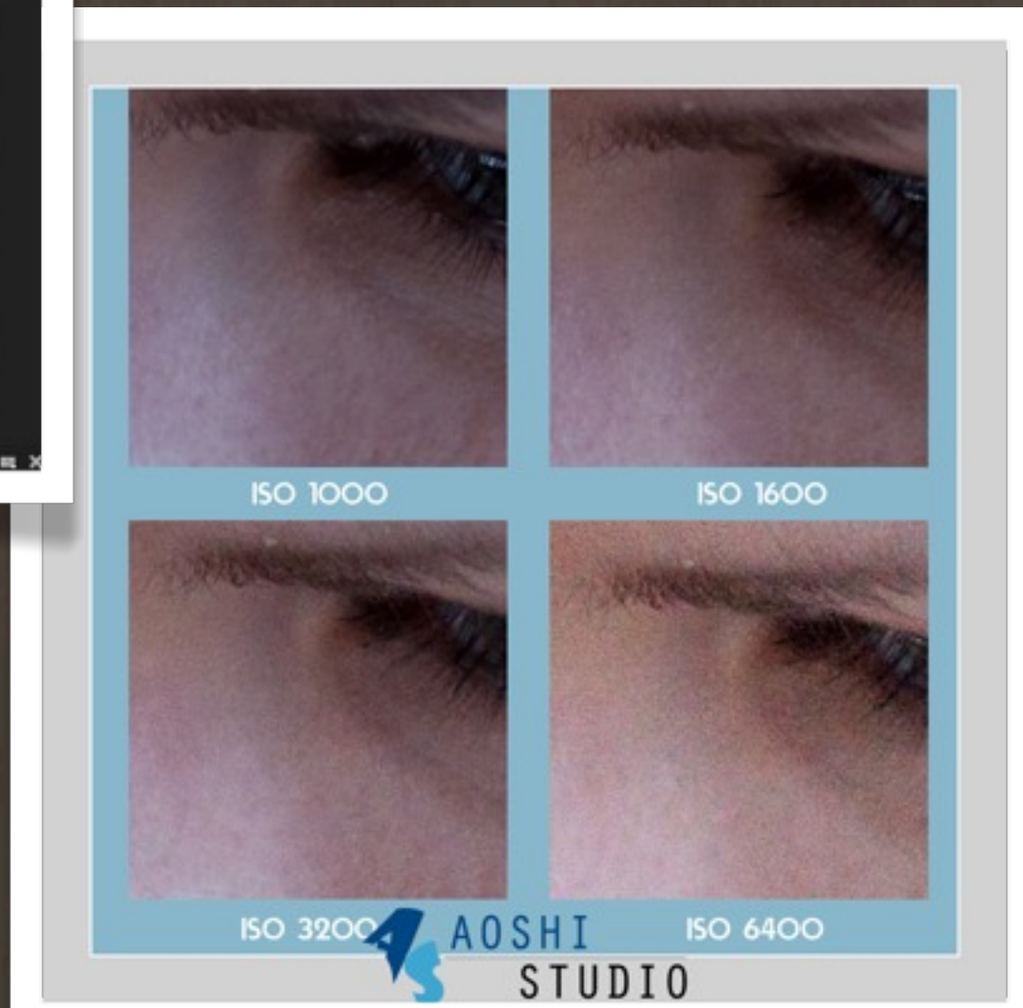


DIGITAL PHOTOGRAPHY

Setting Aperture

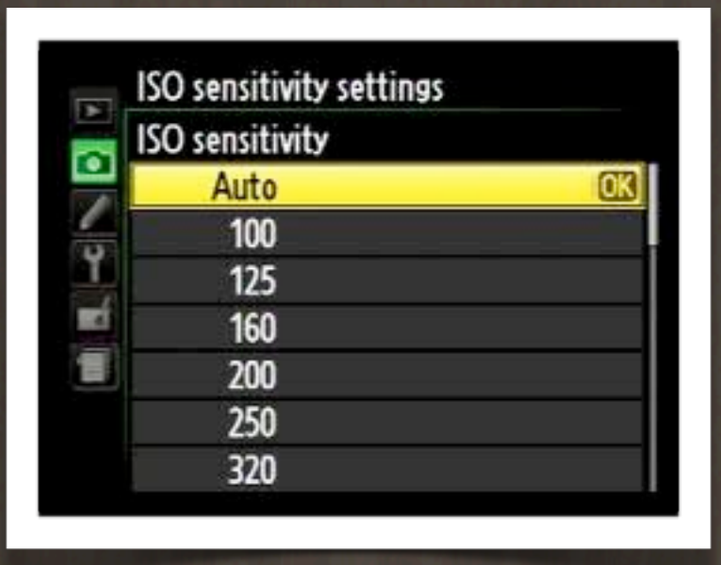


3. Light Sensitivity of Image Sensor- ISO



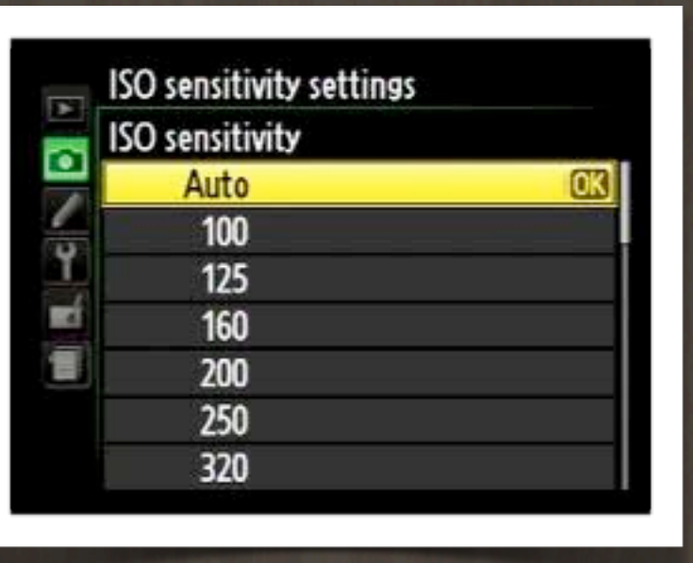
DIGITAL PHOTOGRAPHY

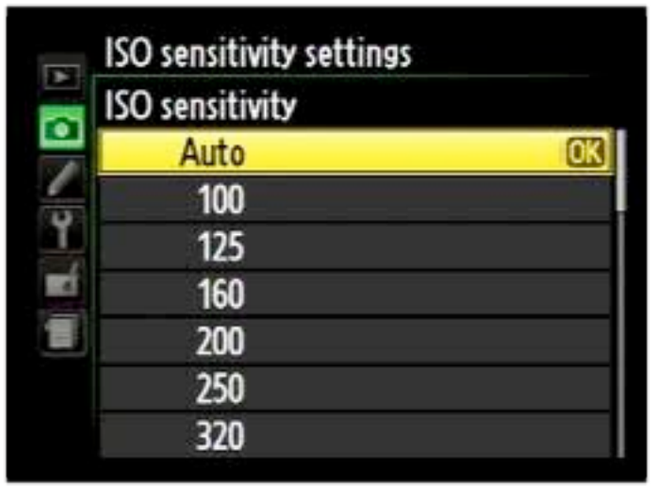
Setting ISO



DIGITAL PHOTOGRAPHY

Setting ISO



DIGITAL PHOTOGRAPHY

Setting ISO