

Camera Settings

Chester County Camera Club
Mentor Meeting - January 2023

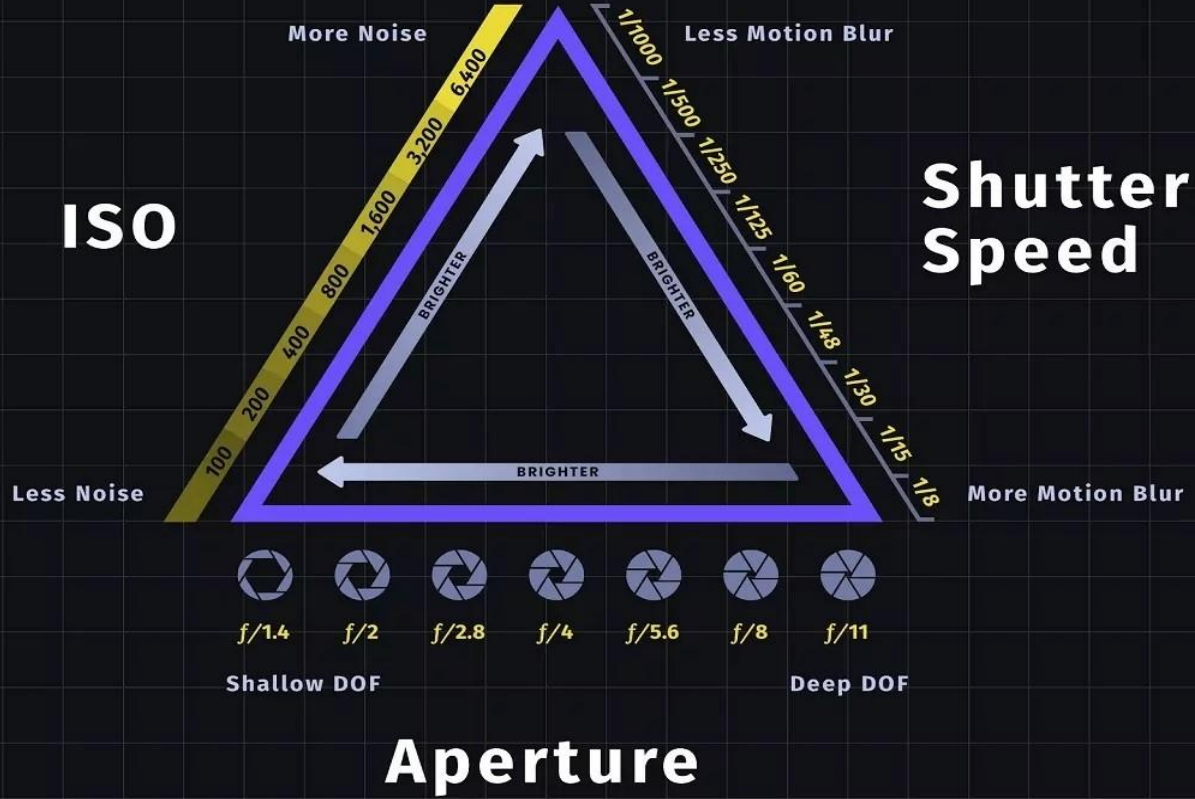
Carol DeGuisseppi

Where to Begin????

Understanding of Exposure Triangle

- Shutter Speed
- Aperture
- ISO

Exposure Compensation



What We'll Cover Tonight

- Landscape
- Macro and Close-up
- Night / Indoors
- Motion

Landscape

- “Sunny 16”
- “f/8 and be there”
- Factors to Consider
 - Is it Sunny? Cloudy? Windy? Foggy? Tripod?



Sunny Day

f/16

ISO 400

SS 1/30

Handheld

SOOC



Sunny Day

f/16

ISO 200

SS 1/100

Handheld

Minor exposure
adjustments



Sunny Day

f/8

ISO 250

SS 1/80

Handheld

SOOC



f/5.6
ISO 200
SS 1/500

Handheld

Minor exposure
adjustments



f/4
ISO 200
SS 1/1250

Handheld

SOOC



f/5.6
ISO 200
SS 1/200

Tripod?

SOOC



f/16
ISO 400
SS 1/5

Tripod

Minor exposure
adjustments



f/22
ISO 200
SS 1/4

Tripod

Minor exposure
adjustments

*Questions
or
Comments
????*

Macro and Close-up

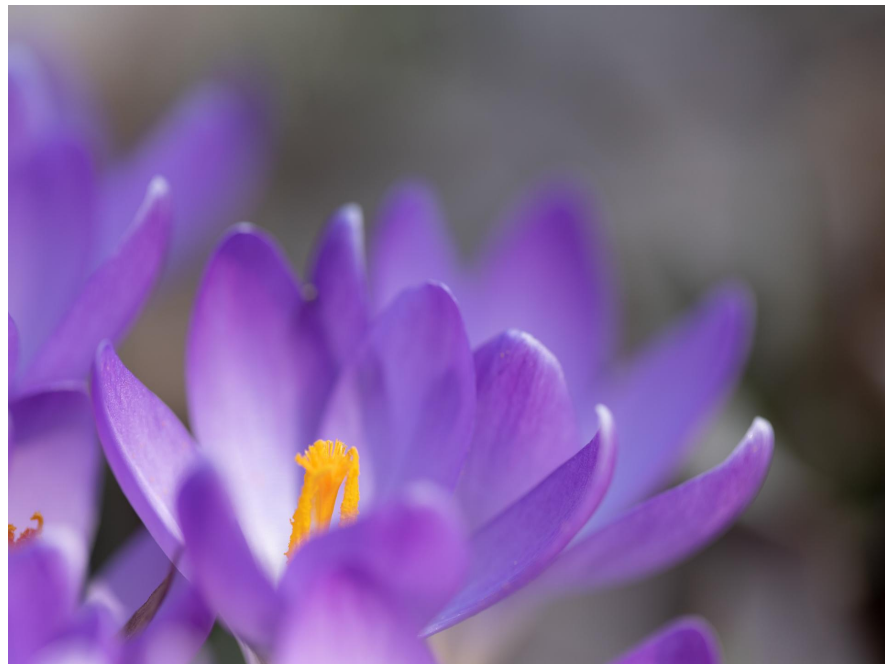
- Creative Choices
- Depth of Field
- Tripod is Critical



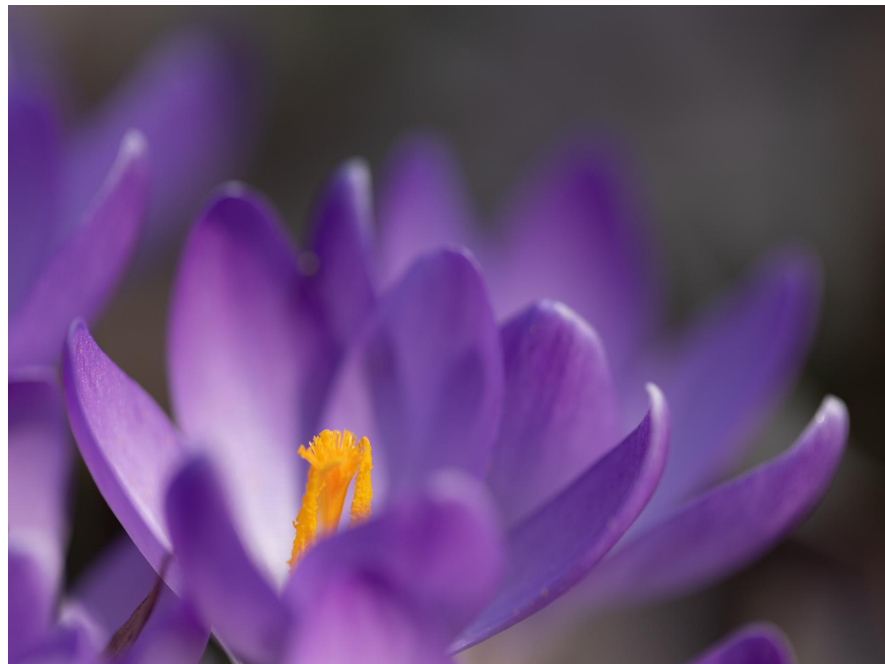
f/4
ISO 100
SS 1/160

Tripod ?

Minor exposure
adjustments



SS 1/125



SS 1/250

Both at f/3.5 and ISO 200 and both SOOC



f/11
ISO 200
SS 1/200

Minor exposure
adjustments



f/3.5
ISO 200
SS 1/200

Tripod

Minor exposure
adjustments

*Questions
or
Comments
????*

Night and Indoors

- Low Light Situations
- Opportunity for Long Exposure
- Tripods critical!!!



f/5.6
ISO 6400
SS 1/60

Hand Held

Minor exposure
adjustments



f/5.6
ISO 6400
SS 1/15

Hand Held

Minor exposure
adjustments



f/9
ISO 12,800
SS 1/15

Tripod

Minor exposure
adjustments



f/18
ISO 400
SS 30 sec

Tripod

Minor exposure
adjustments



f/22
ISO 200
SS 13 sec.

Tripod

Minor exposure
adjustments



f/9
ISO 3200
SS 1/30 sec

Handheld

Minor exposure
adjustments

*Questions
or
Comments
????*

Motion

- Blur or slow down the motion
- Stop the action



f/22
ISO 100
SS 1/15 sec

Handheld??

Minor exposure
adjustments



f/32
ISO 200
SS 1/25 sec

Tripod??

Minor exposure
adjustments

Impressionist
Filter



f/5.6
ISO 400
SS 1/1000 sec

Handheld

Minor exposure
adjustments

Composite



f/5.6
ISO 2000
SS 1/1250 sec

Handheld

Minor exposure
adjustments

Noise reduction

*Questions
or
Comments
????*