Diploma in Video

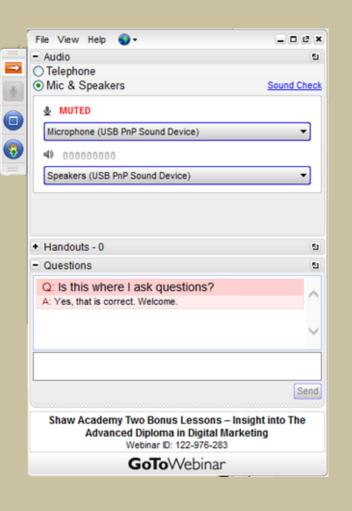
– Part 3

Lesson 2 Apertures and lenses

Presented by: Adam O'Reilly Course Educator F.E.T.A.C in Digital Media Production



Webinar Interaction



- Chat box Type responses to the Educator
- We will have a Q&A at the end of the lesson where you can ask questions



Lesson 3



- Lens Types
- > Angle of view
- > What is an aperture
- > Depth of field
- ≻ Q & A



Why learn about these things?

- Understand the lenses we can use
- Be able to visualise & plan our shoots
- Understand aperture to take creative control of the camera



VIDEO COURSE TOOL KIT

INCLUDED:



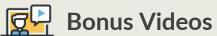
Exclusive Starter Pack



Webinar Slides for every lesson



Summary Notes for every lesson

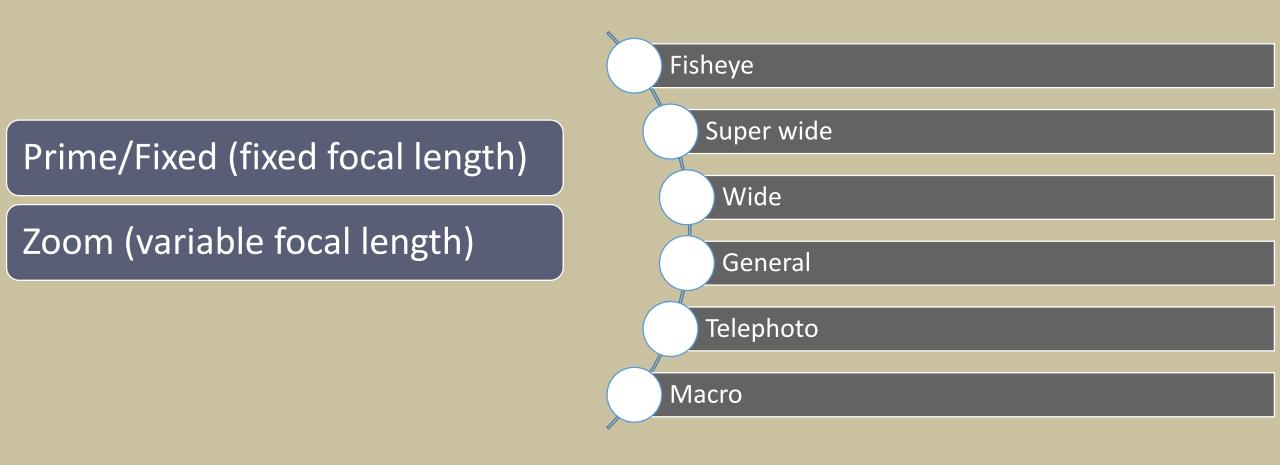


ONLY €19.99

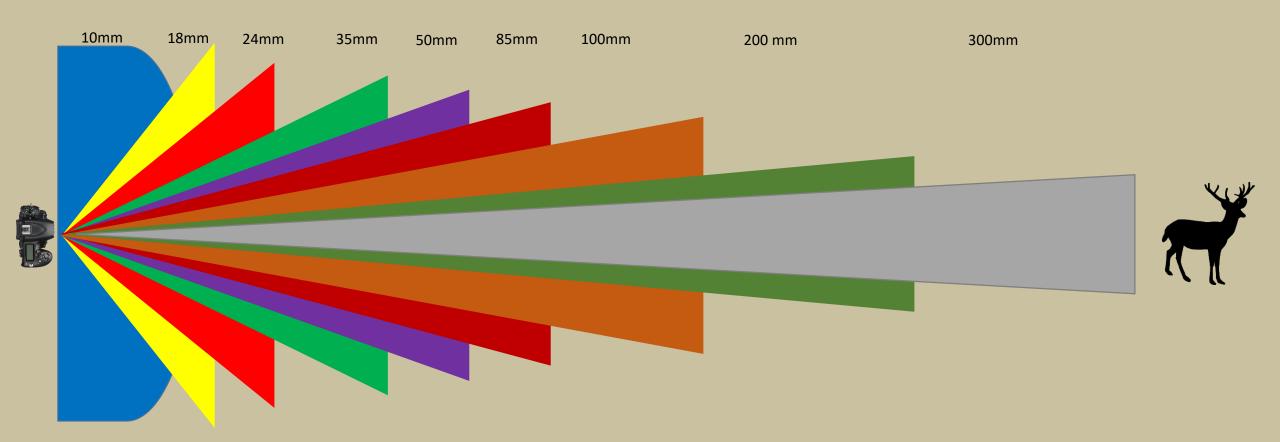
Enhance your learning experience!



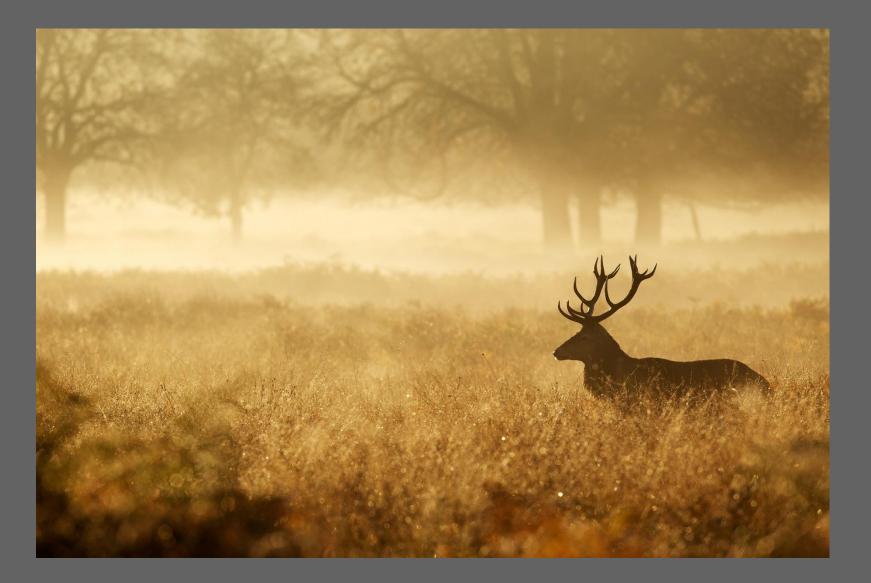
Lens types

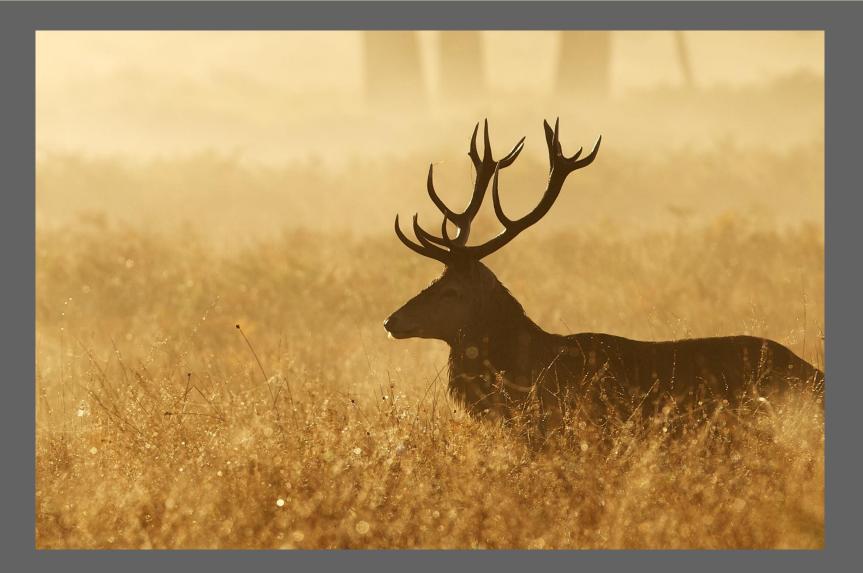


Field of view

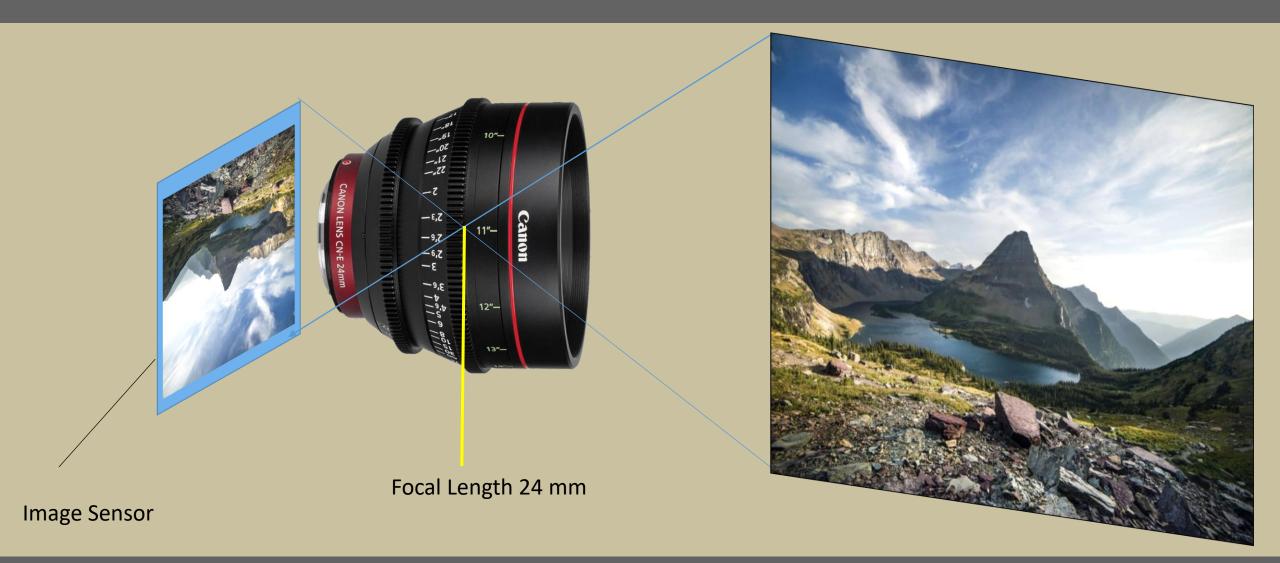


Field of view decreases as focal length increases





What is focal length?



Primes



Zoom





Wide



General



Understanding the Lens



Prime



Zoom



Ultra wide/Fisheye



Extreme Sports

Music Videos

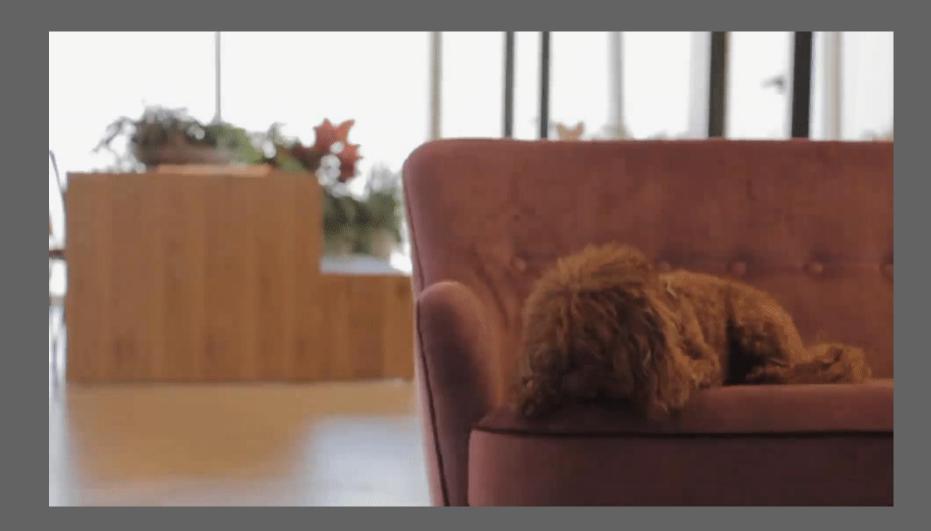




Large Interiors

Sense of scale

General



Medium Shots

Dialogue scenes with people

Portraits

Telephoto



C	Close – ups
F	ar away subject/objects
V	Vildlife
S	sports

Macro

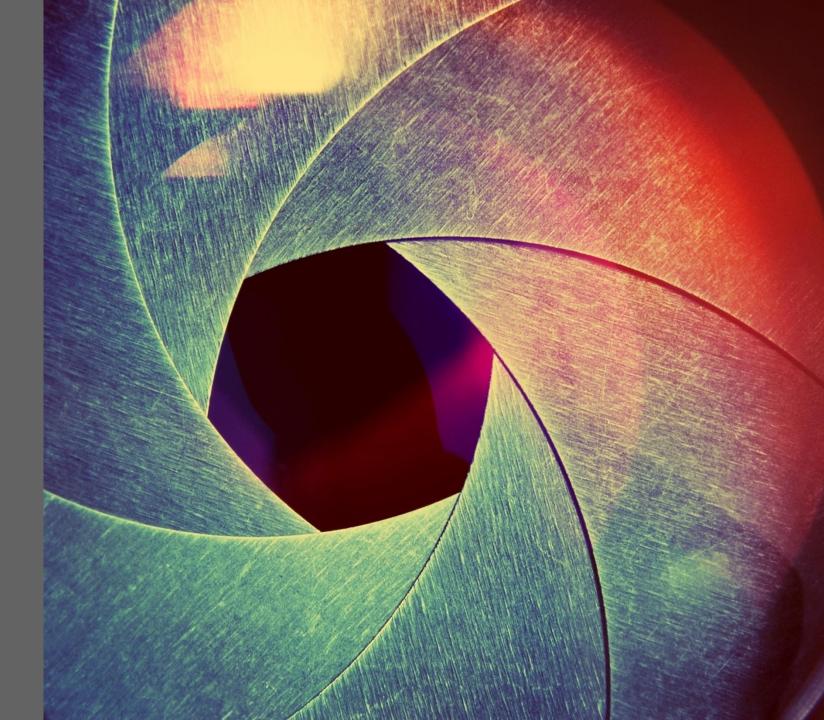


Extreme close up Detail

Food

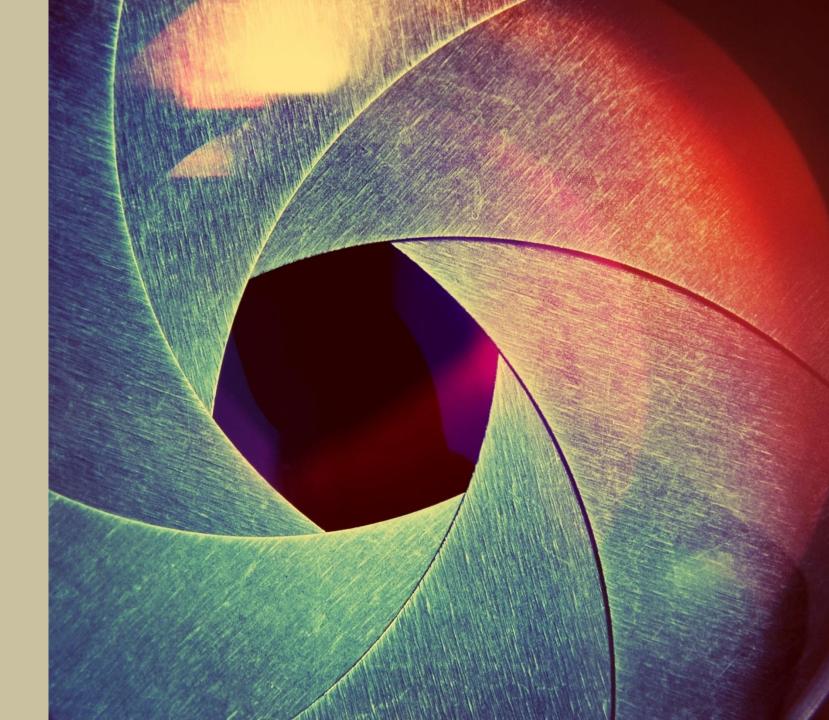
Wildlife

What is Aperture?

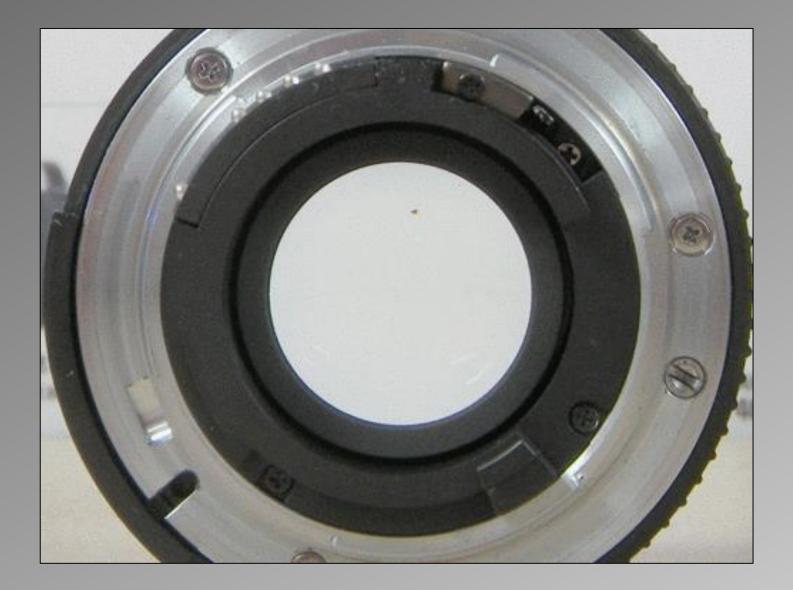


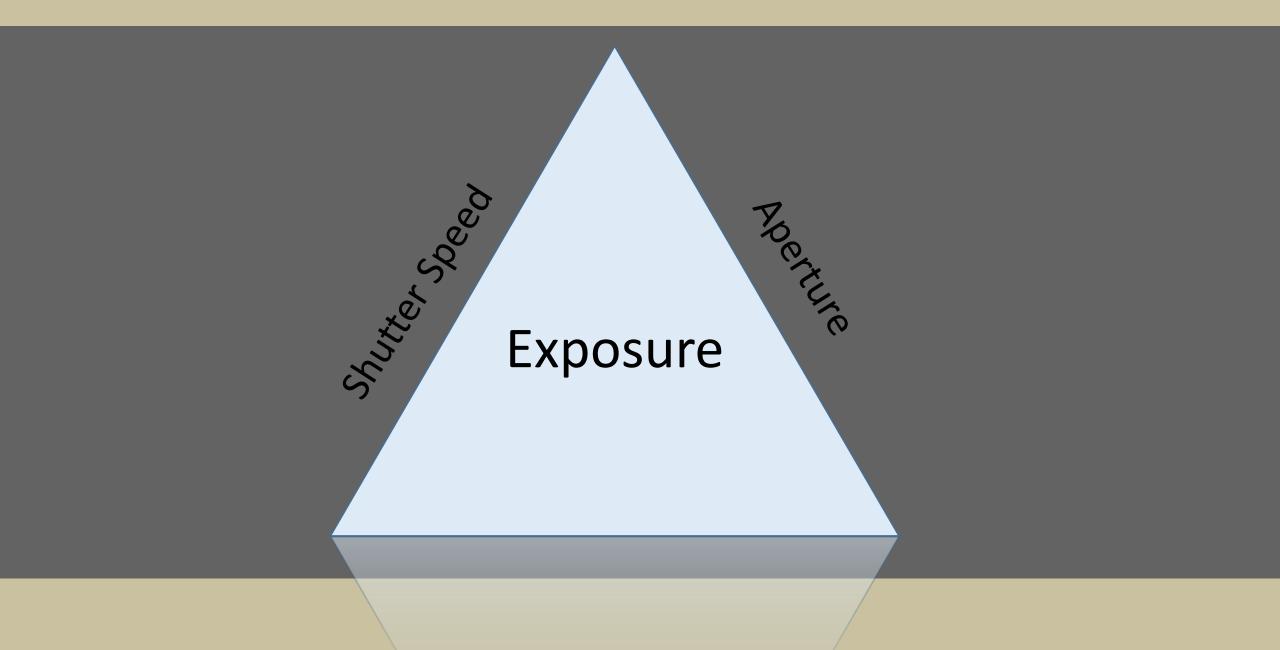
Aperture:

- Volume of light
- Depth of field



What is an aperture?







noyi

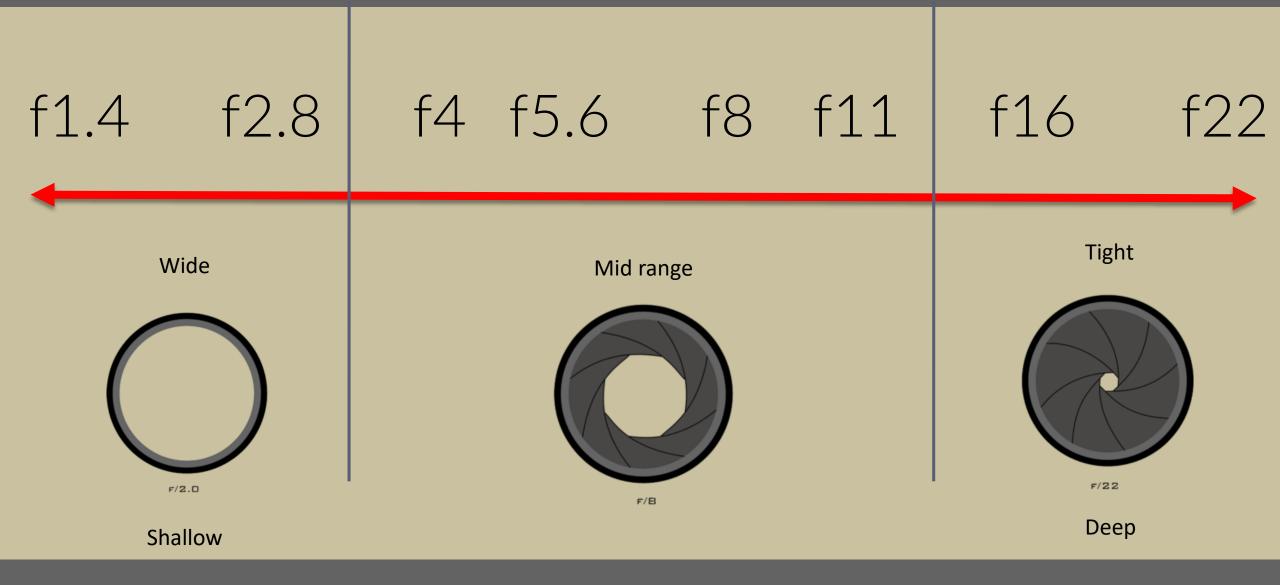


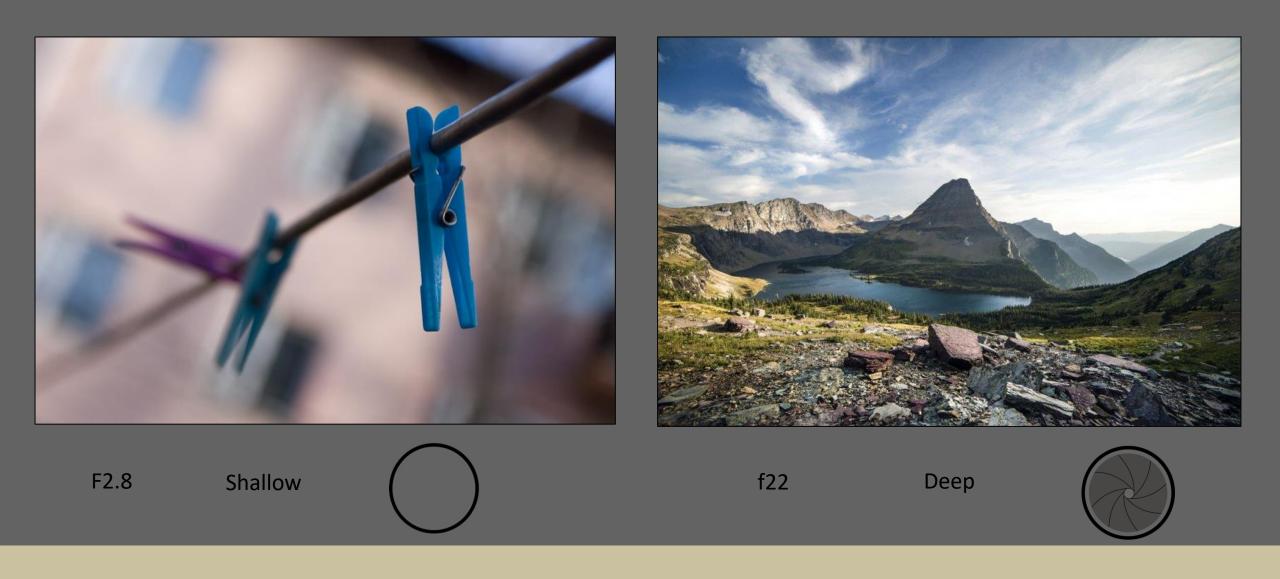


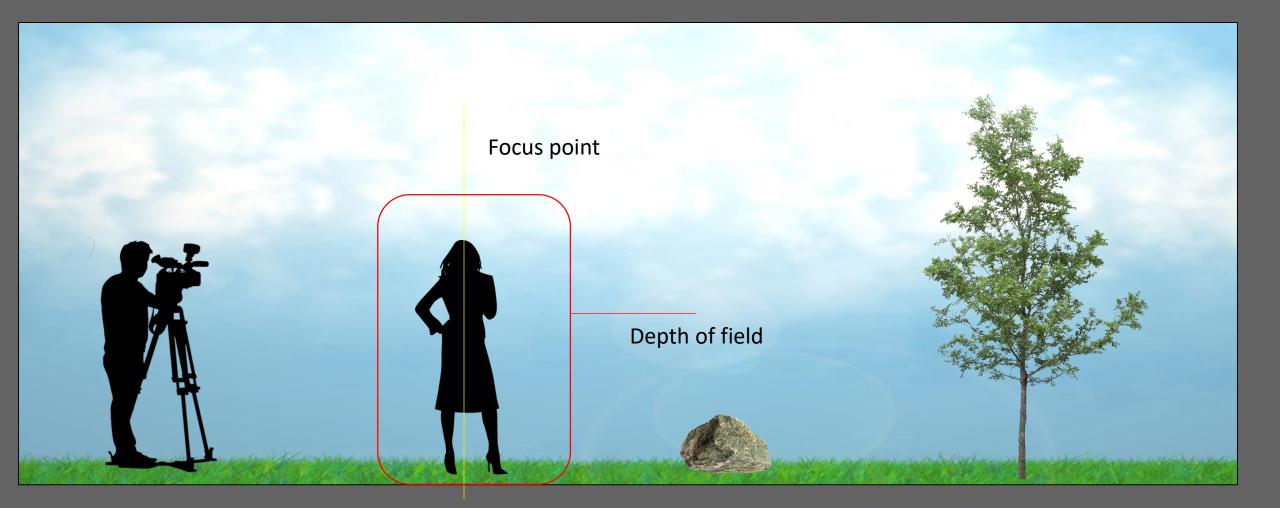
How does it work?

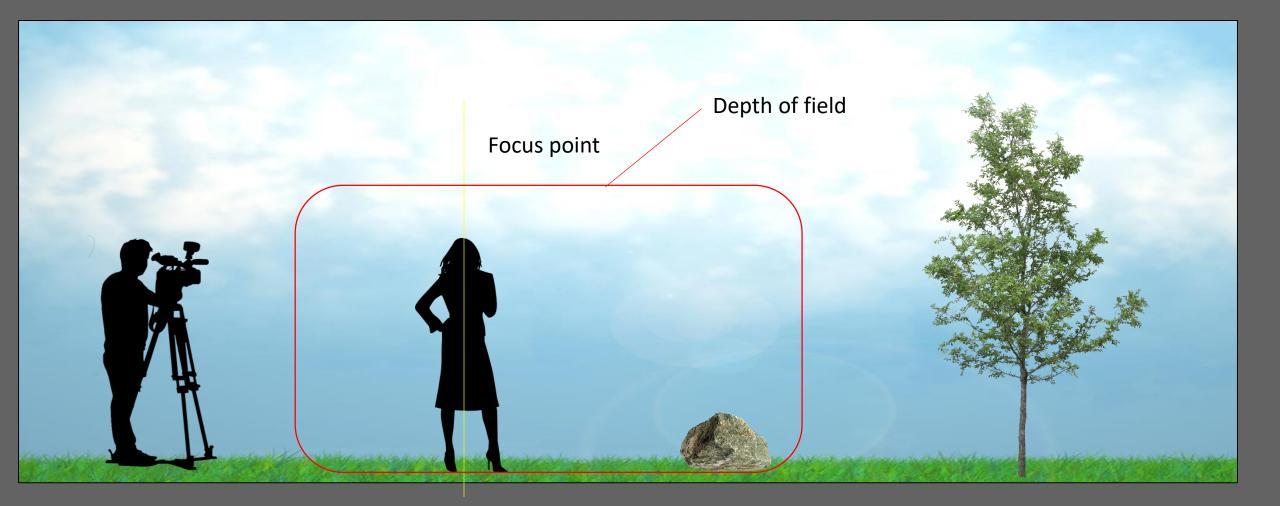


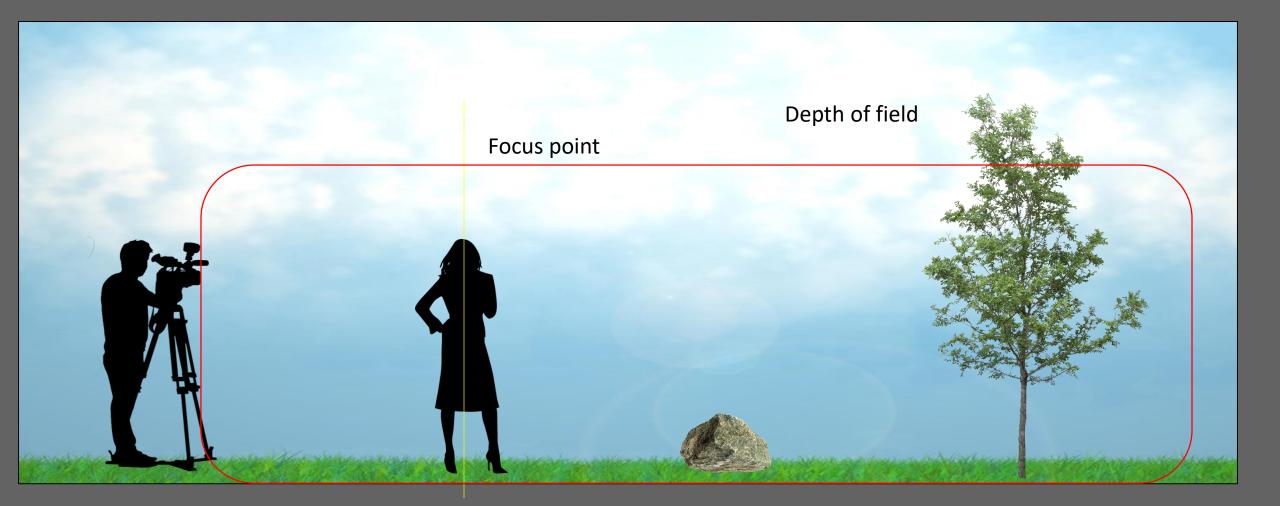
How does it work?

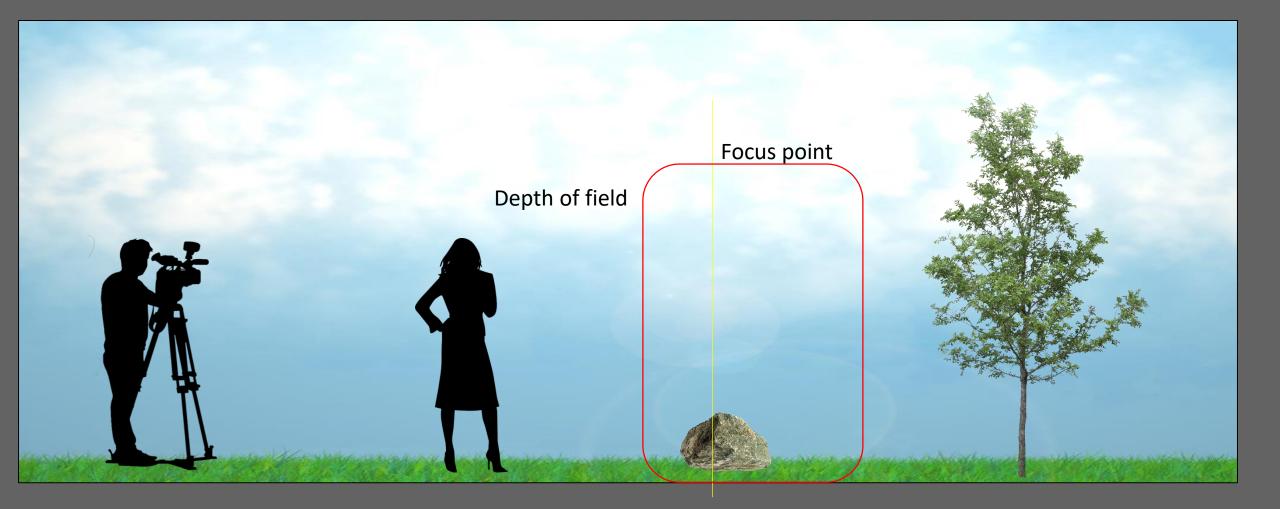


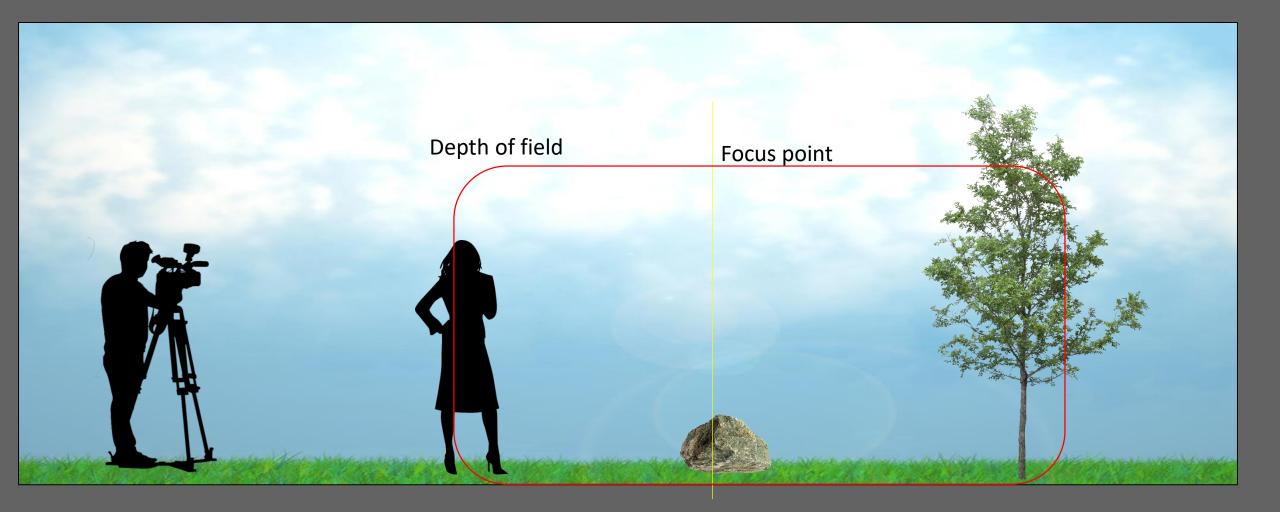


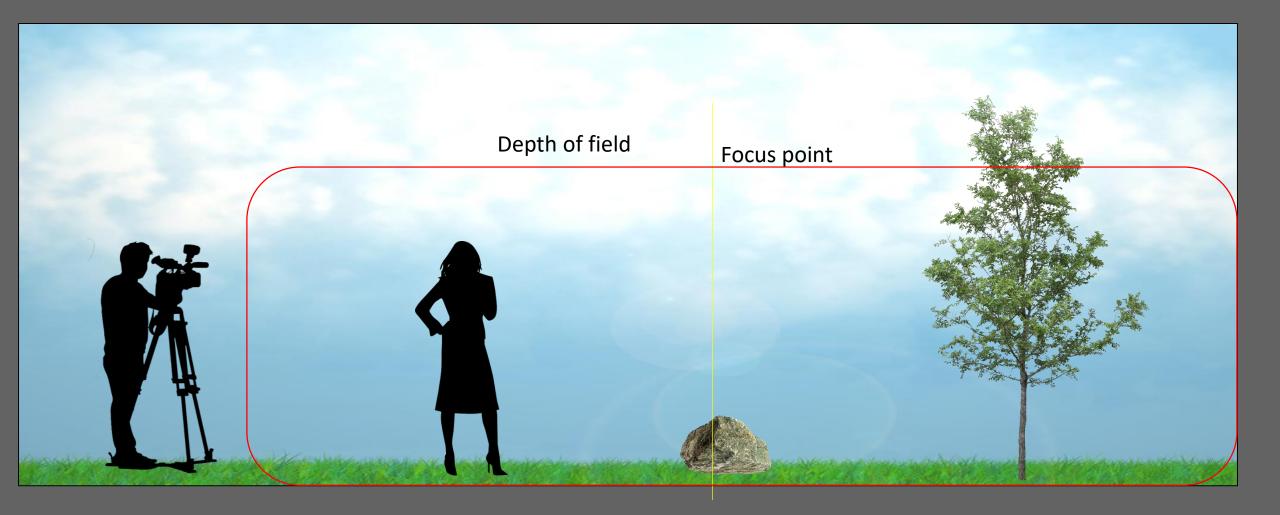












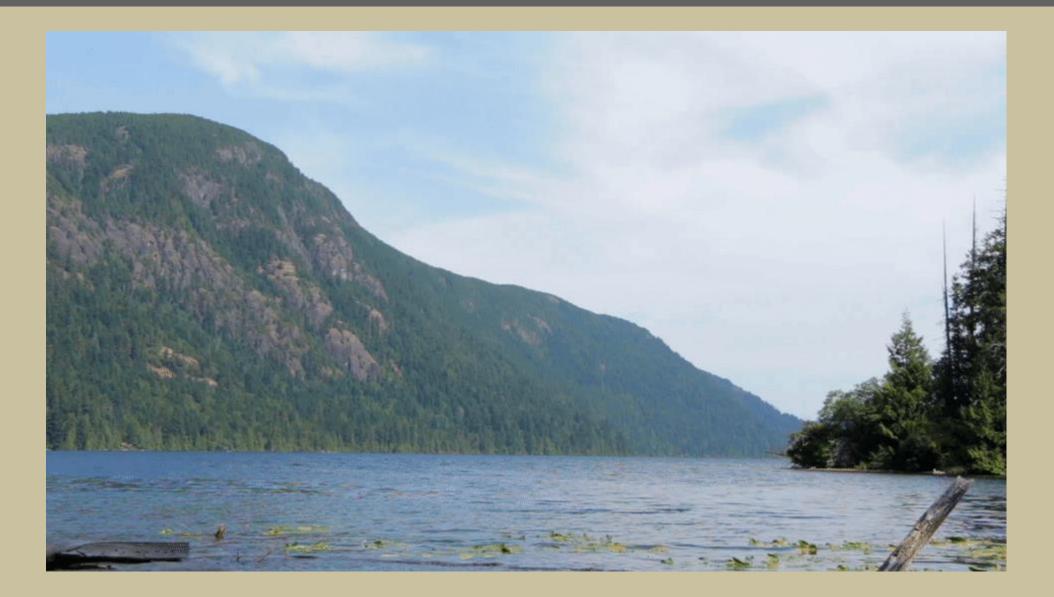
Depth of Field



Shallow Depth of Field

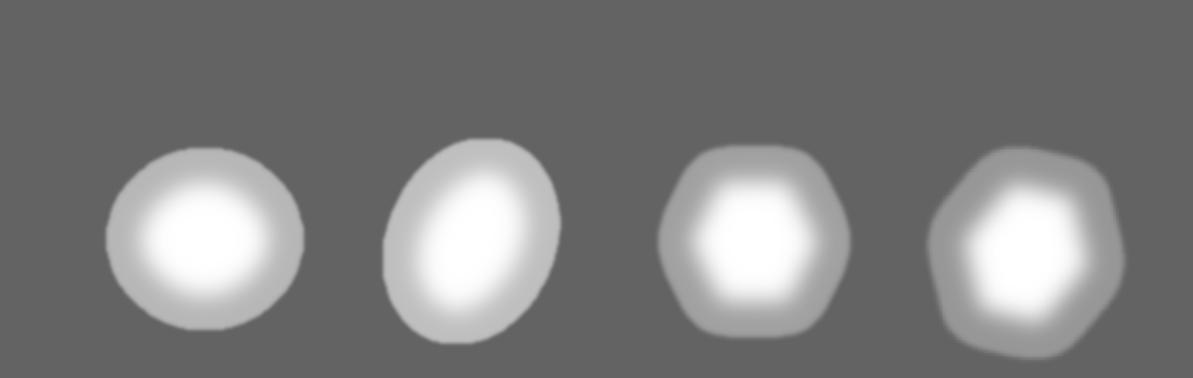


Deep Depth of Field















How to Focus

Auto Focus

When to use Auto – focus

Helps with tricky shots

Panning and tilting

Running and gunning

Helps to initially set focus

Auto V Manual





Auto

Manual

Focus Tips



Focus Tips



Focus Tips

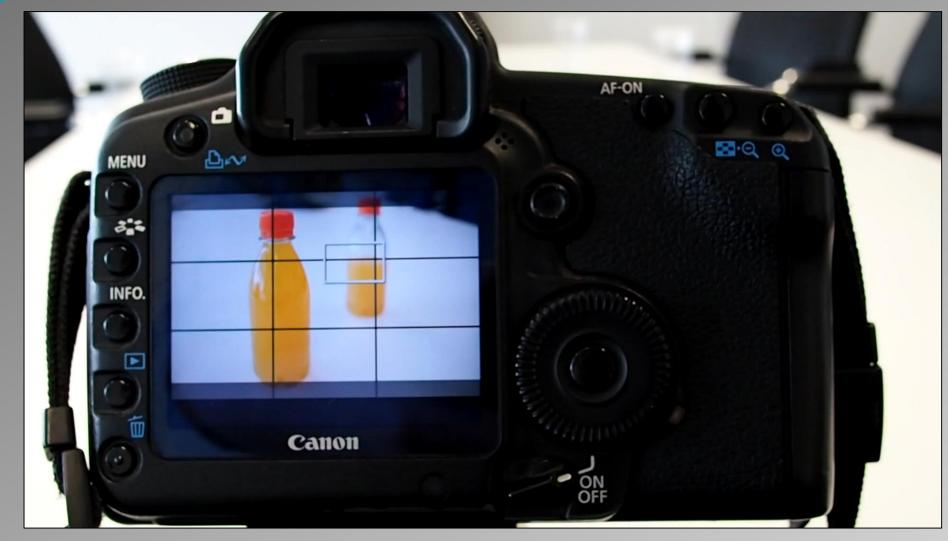




Focus Assist/Peaking



How to Focus - Tips Punching in



Considerations

- Prime lenses are easier to operate when filming
- Avoid digital zoom
- Image stabilised lenses help
- Learn the lens you have restricting yourself to one lens is a great way to push yourself
- Depth of field can help to direct viewers attention mix it up
- The effect of depth of field is most effective in close ups

Summary

- > Lens Types
- > Angle of view
- > What is an aperture
- Depth of field

Further Learning

To expand upon the subjects covered in todays lesson:

Lesson 4: Motion and Depth

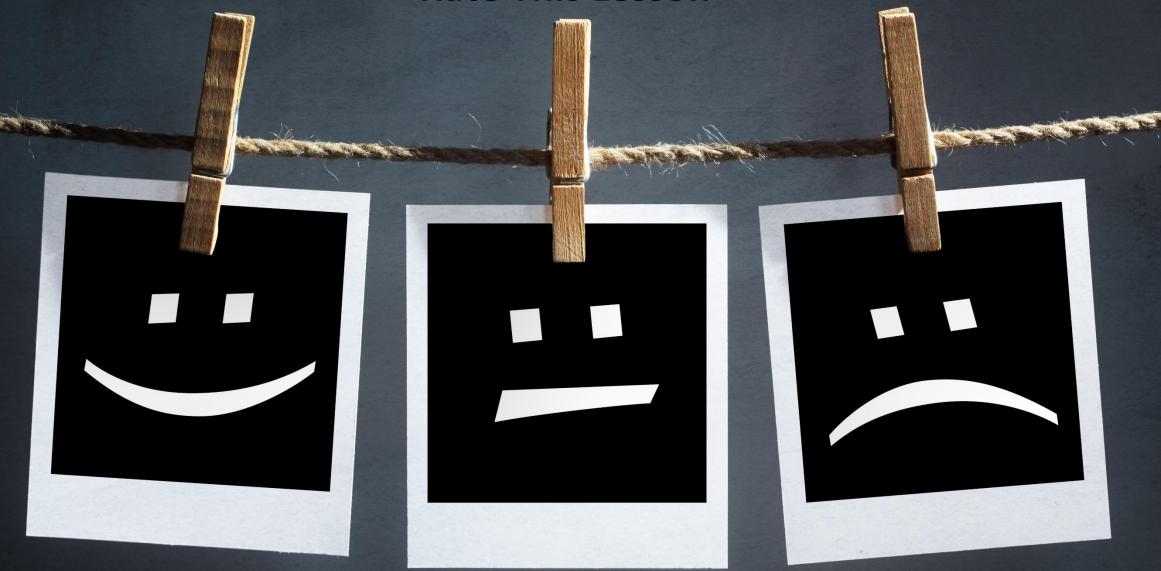
Next Lesson

> Aspect Ratio

> Framing

- Composition Techniques
- > Camera movement

Rate This Lesson



After the lesson we will ask you to rate the lesson on a scale of 1 (lowest) to 5 (highest).

Social Media







https://twitter.com/shawacademy



https://youtube.com/shawacademy

QUESTION TIME

See you back for Lesson 3

Aperture & Lenses



@shawacademy 😽

