

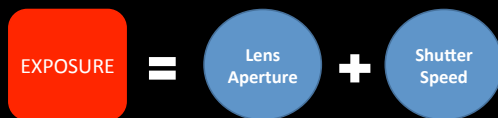
The Exposure Triangle

Introduction to PhotoPractice
Stage I
2015/16

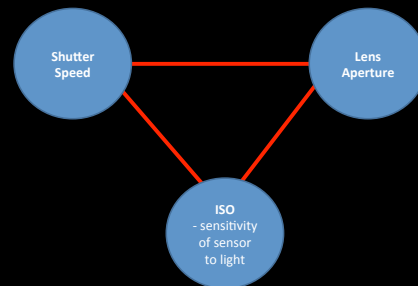
Exposure



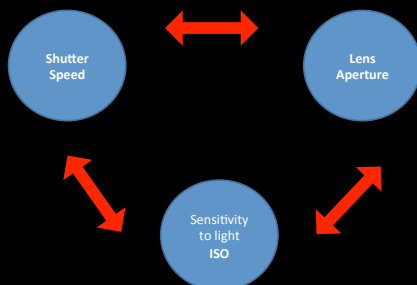
Controlling exposure in camera



The Exposure Triangle



A Reciprocal Relationship



Exposure video



<https://www.youtube.com/watch?v=3eVjUrY9a9c>

Same Exposure using different Apertures and Shutter Speeds

1/60 @ f4

1/8 @ f11



Same exposure, different visuals

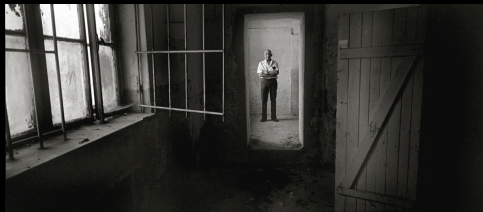
Short exposure – frozen movement
Depth of field - shallow

Long exposure – blurred movement
Depth of field - deep



Small Aperture f16

- Large Depth of Field



Large Aperture f2.8

- Small Depth of Field



The Primary Camera Modes

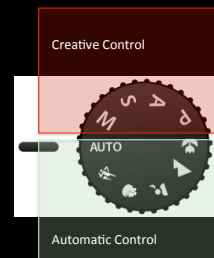
- Auto Mode
- Program Mode
- Aperture Priority Mode
- Shutter Priority Mode
- Manual Mode



Creative or automatic control?

- Program Mode
- Aperture Priority Mode
- Shutter Priority Mode
- Manual Mode

- Auto Mode
- Other modes:
 - Sport
 - Portrait
 - Low Light
 - Landscape
 - Close Up



Camera Control Modes

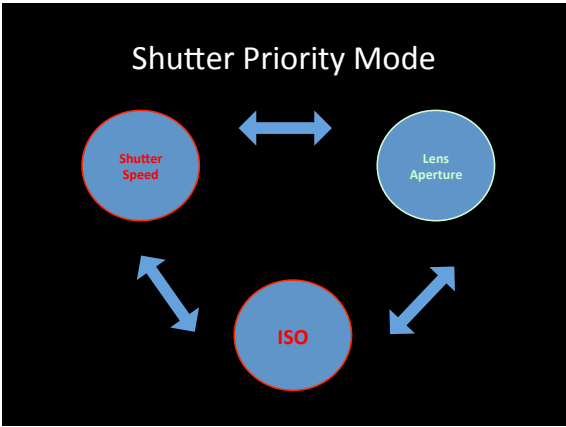
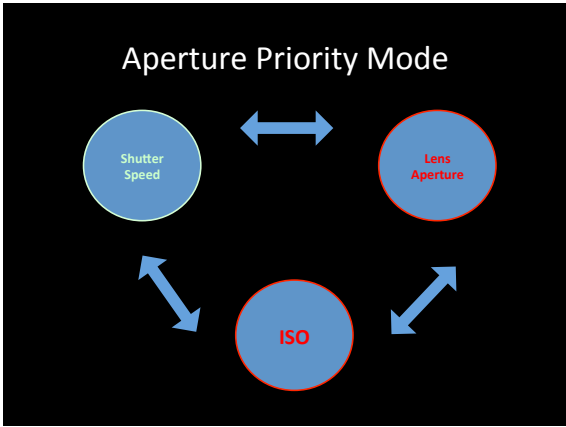
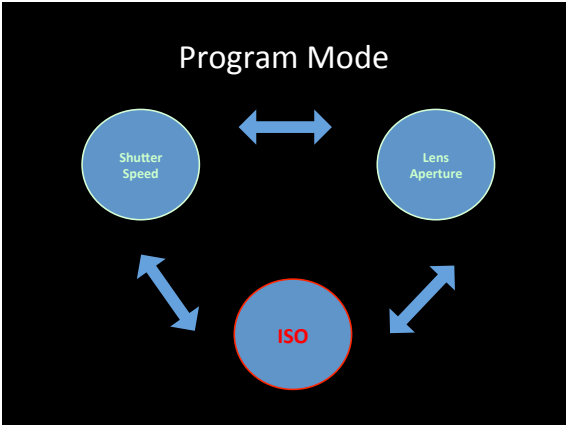
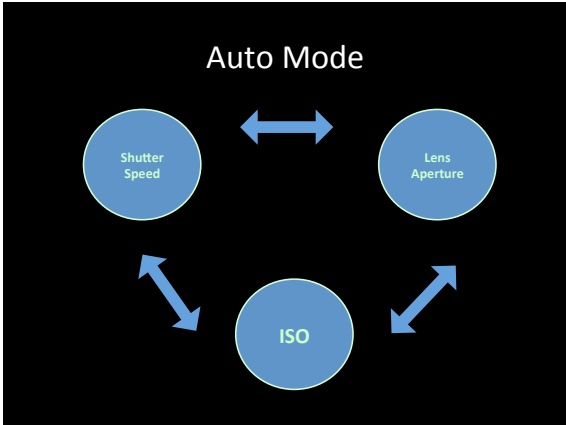


- <https://www.youtube.com/watch?v=O29OCSp96Y&index=1&list=PLeu1p5jL9G0PjGt7Ker8FMNCTyEynb3ds>

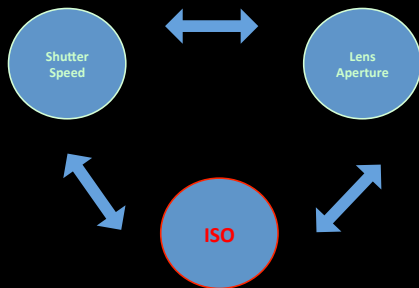
Who sets what?

RED
- you set it

Green
- camera sets it



Manual Mode



Which Mode for what?

- Auto Modes –
 - Point and Shoot (very amateur, don't go there)
- Aperture Priority Mode –
 - Portraiture, landscape, architecture
- Shutter Priority Mode –
 - Sports, action photography
- Program Mode –
 - Street photography, variable ambient lighting
- Manual Mode –
 - Total control, studio, artificial lighting

Notes at:
www.fixerstain.com

