

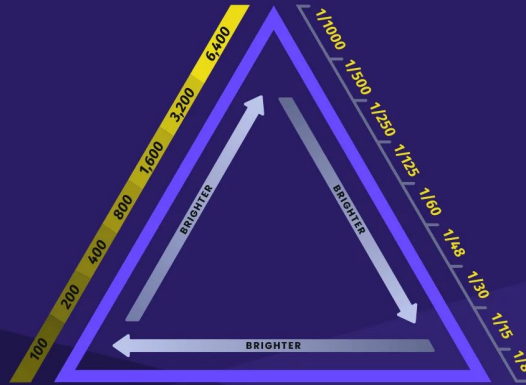
Segitiga Exposure Sebagai Dasar Ilmu Fotografi

Pertemuan 3 / Commercial Photography & Videography



Exposure

THE ULTIMATE GUIDE



BROUGHT TO YOU BY

studio binder

https://drive.google.com/drive/folders/1eZw2a0ux4_N-Mqftvd25eMCQm0KK28sH?usp=sharing

EXPOSURE TIME

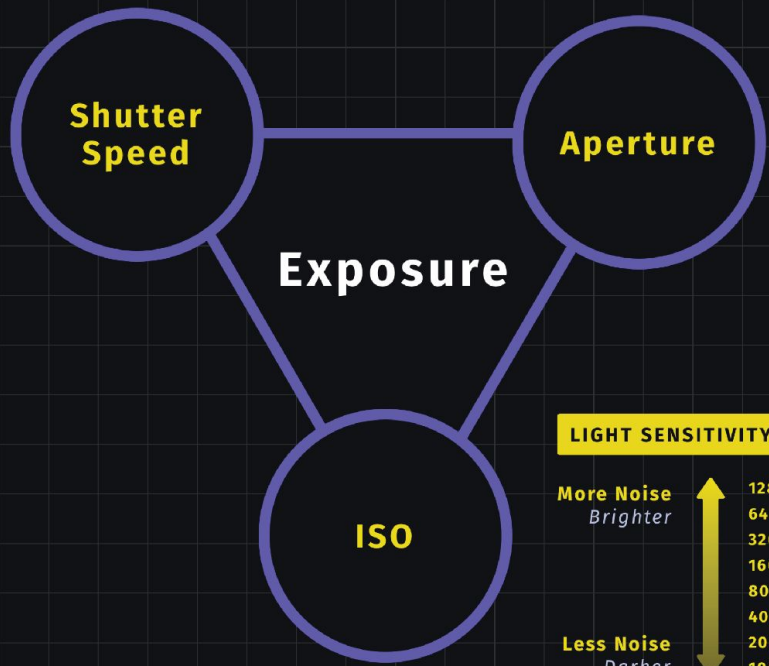
More Blur
Brighter

↑

1/8
1/15
1/30
1/48
1/60
1/125
1/250
1/500
1/1000

↓

Less Blur
Darker



LENS OPENING

f1.4
f2
f2.8
f4
f5.6
f8
f11
f16
f22

↑

Shallow DOF
Brighter

↓

Deep DOF
Darker

LIGHT SENSITIVITY

More Noise
Brighter

↑

12800
6400
3200
1600
800
400
200
100

↓

Less Noise
Darker

Aperture



f/2.8



f/4



f/5.6



f/8



f/11



f/16



f/22

HOW APERTURE CHANGES EXPOSURE



f/2.8



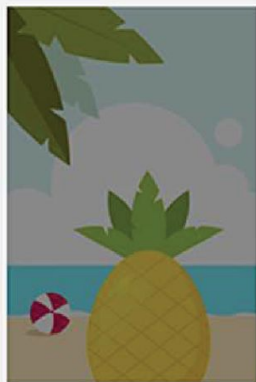
f/4



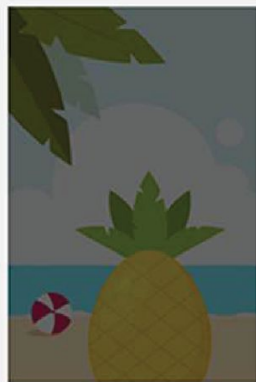
f/5.6



f/8



f/11



f/16



Barry Lyndon —
Wide Aperture,
Shallow Focus

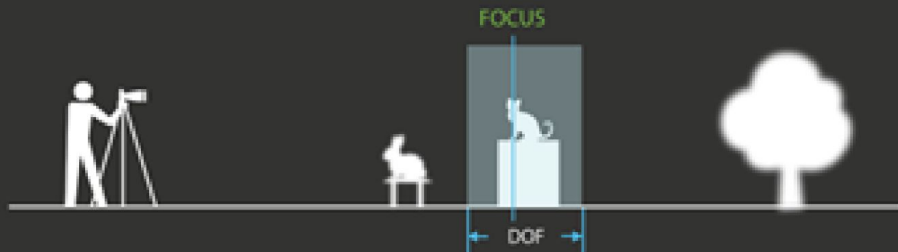
Depth of Field

In optics, particularly as it relates to film and photography, depth of field (DOF) is the distance between the nearest and farthest objects in a scene that appear acceptably sharp in an image. —Wikipedia

APERTURE



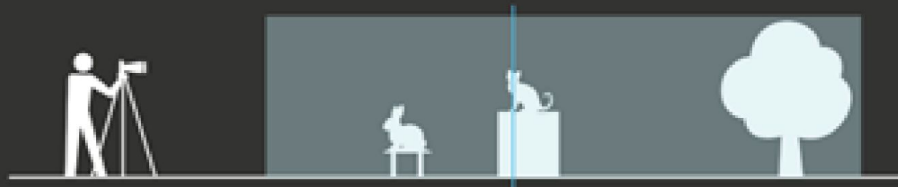
f/2.8



f/5.6



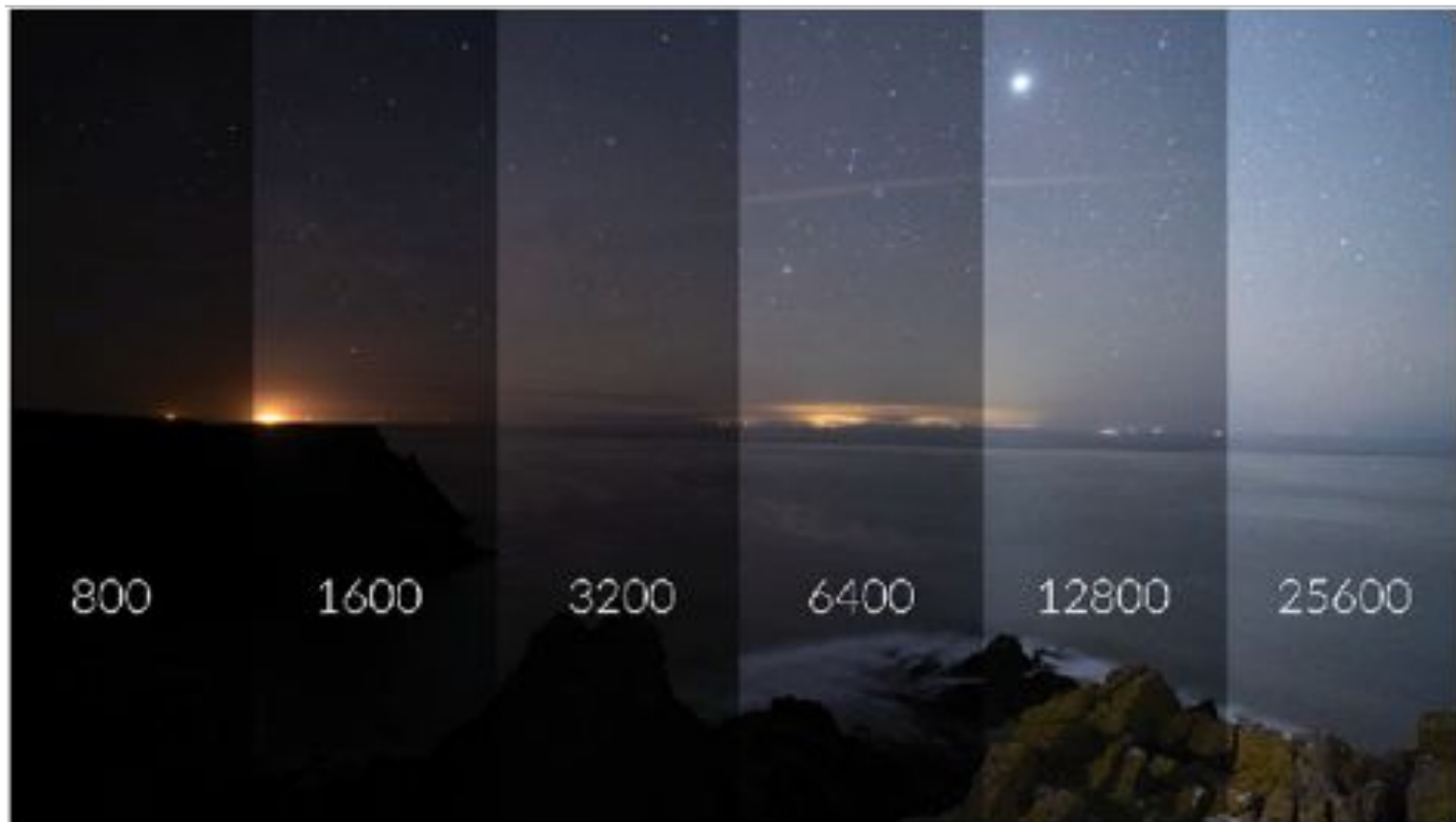
f/11















SHUTTER SPEED



SHUTTER SPEED

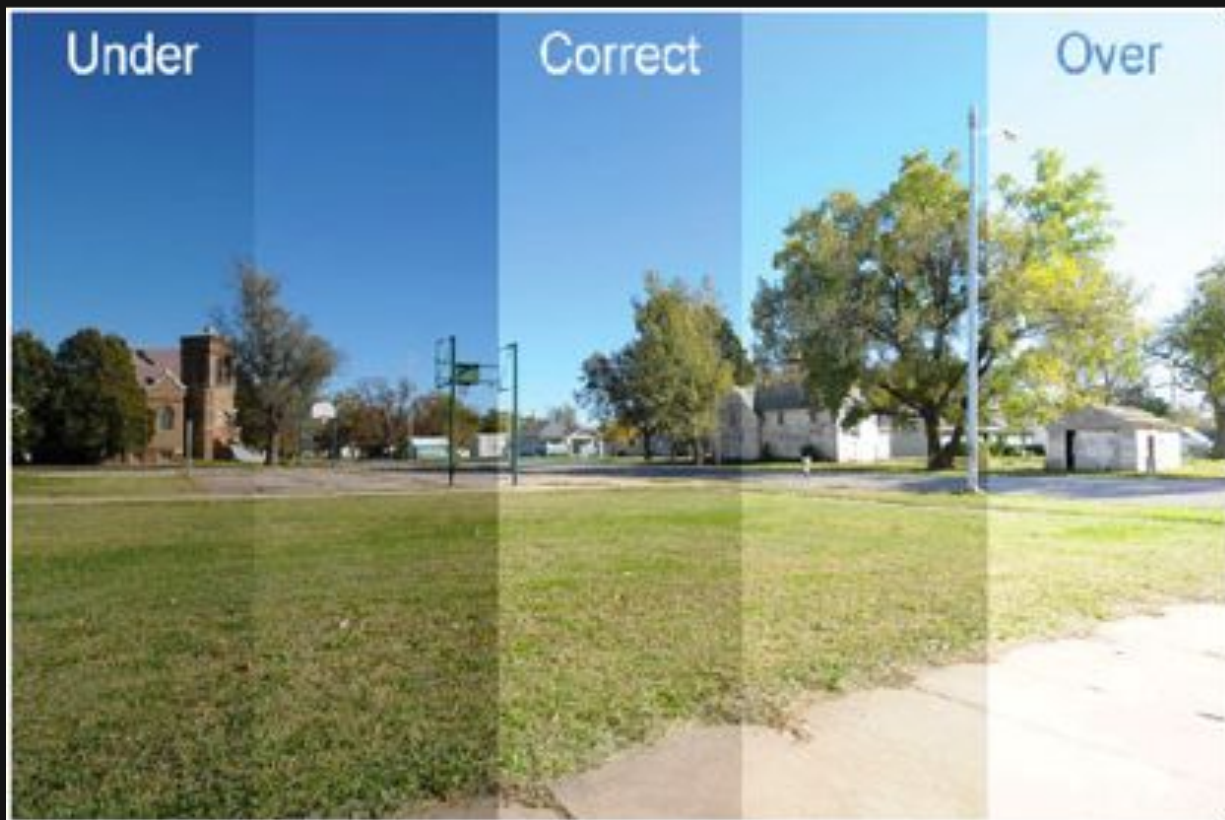


no worries				be careful		use tripod						
1/2000 s	1/1000 s	1/500 s	1/250 s	1/125 s	1/60 s	1/30 s	1/15 s	1/8 s	1/4 s	1/2 s	1/3 s	30 seconds (and beyond)
bright outdoors				outdoor/indoor			indoor/night					camera + extended range

Under

Correct

Over





PRAKTEK

PRAKTEK

- Perkelompok Mencoba Menerapkan Teknik Segitiga Exposure
- Kelompok 1 / 2 / 3 / 4 / 5
- Fokus pada shutter speed, iso, dan aperture