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ARTS 2356 | Photography I
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ISO is overall sensitivity of the film to light. ISO 100 is slower (less sensitive), best used in really bright shooting scenarios, and ISO 800 is faster (more sensitive), better for use in low light.

Shutter Speed is the amount of time the shutter is open, allowing light to enter camera.
Shutter speed is expressed in seconds or fractions of a second

Motion blur < -----> Stop motion
slower *faster*

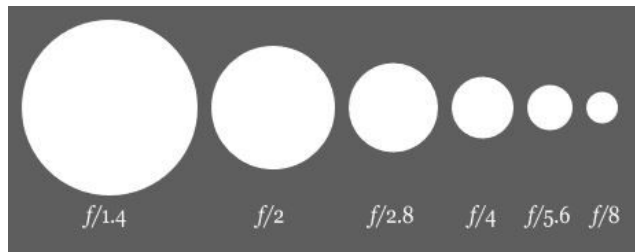
1/15 1/30 1/60 1/125 1/250 1/500 1/1000 1/2000

←----- - -

camera shake starts below 1/60 of a second (use a tripod!)

Aperture is the size of opening in lens that allows light to pass through.
F-stop is ratio of lens focal length to size of opening letting light through lens

shallow depth of field < -----> deep depth of field (more things in focus)



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Reciprocity (equivalent exposures) *each stop admits twice as much or half as much light*
i.e. f/5.6 at 1/125 = f/8 at 1/60

f/5.6 f/8 f/11



1/60 1/125 1/250