

# Night Photography

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1. Structure of class
2. Aperture
  - a. Understanding depth of field
  - b. Numbering system
    - i. Major stops: 2.8, 4, 5.6, 8, 11, 16, 22
    - ii.  $\text{diameter/focal length} = \text{f number}$
3. shutter speed
  - a. speed at which we shoot the photograph
  - b. control over action
  - c. Joe's Rule of 4 Shutter Speeds
4. ISO
  - a. Sensitivity to light
  - b. Generally speaking, respond to amount of light available
  - c. But really, we're avoiding blur (there are two types)

d. Crutch for shutter, with trade off

5. Exposure theory

a. Stop

b. Meter

c. Exposure

6. Metering

a. Evaluating light

b. Metering fails

i. Incident V.S. reflective meter

ii. The 18% grey issue

iii. Metering at night

7. Focus at night

a. manual focus

b. using light sources to focus