

**Las Positas College Photography Program**

Introduction to Photography

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## Basic Exposure Controls

### Shutter Speeds

**1/8** 1/10 1/13 **1/15** 1/20 1/25 **1/30** 1/40 1/50 **1/60** 1/80 1/100 **1/125** 1/160 1/200 **1/250** 1/320 1/400 **1/500** 1/640 1/800 **1/1000** 1/1250 1/1600 **1/2000**

← Slower Shutter Speed

Faster Shutter Speed→

### Aperture (f/stop)

**1.0** 1.1 1.3 **1.4** 1.6 1.8 **2.0** 2.2 2.5 **2.8** 3.2 3.6 **4.0** 4.5 5.0 **5.6** 6.3 7 **8** 9 10 **11** 12 14 **16** 18 20 **22**

← Larger Aperture/ More Light/ Opening Up

Smaller Aperture/ Less Light/ Stopping Down→

### ISO/Film Speed

**25 50 100 200 400 800 1600 3200**

← Slower Film

Faster Film→