

## CMM 307 ASSIGNMENT 3: MOTION – Due 3/4

**Purpose of the assignment** is to learn to:

- A. control motion, (freezing or blurring it), in existing light, by your choice of shutter speed
- B. to freeze motion using your built-in flash

Pictures for this assignment are usually set up

Possible subject matter:

- any activity involving motion - a person jumping, waving arms, running, throwing; objects in motion
- sports such as basketball, swimming, tennis, volleyball, track but these are difficult because you cannot control the action

Work fairly close to your subject

- *low viewpoints are always good* for creating a more dynamic photo

### **THIS ASSIGNMENT HAS 3 PARTS:**

#### **1. Frozen motion, using natural light - no flash:**

- in this part, you will be using a fast shutter speed to freeze motion
- bright light conditions are appropriate here:
  - outdoors preferred - sunny (ISO 100-200) or overcast (ISO 400)
  - indoors - only near large bright windows (ISO 1600)
- avoid subjects that look like they are stationary; e.g., car on road
- SLR cameras: set shooting mode on Tv, choose 1/500 shutter speed

#### **2. Blurred Motion, using existing light:**

- in this part, you will be using a slower shutter speed to blur motion
- more subdued light conditions are appropriate here
  - outdoors: overcast (ISO 200)
  - indoors: bright (ISO 400 to 800)
- remember that the speed of subject will affect the degree of blur
- SLR cameras:
  - set shooting mode on Tv, try 1/30 and 1/60 sec shutter speed
  - below 1/20 will cause camera shake

### **3. Frozen motion, using Flash:**

- this must be done in low light: twilight if outdoors; mid to low-light indoors
- note: Auto Focus may not work in *very* low light, e.g., outdoors at night
- SLR cameras: set ISO on 200, shooting mode on P, and pop up the built-in flash
- CDC's: set ISO on 200, set flash on Auto

### **Hand in on 3/4:**

1. 2 contact sheets showing at least 60 photos
2. 5 enlargements: not more than 2 from each part of the assignment