

Motion Control

This assignment is worth 18 marks

What is Due: 4 photos using the shutter speed ranges listed below.

Objective: Understand how shutter speed affects motion in an image.

All photos will be shot in shutter priority mode (S). You control the shutter speed in shutter priority mode while the camera controls the other settings to get a correct exposure. Make sure ISO is set to Auto. You will also practice controlling focal points and using a tripod.

You may find it easier to work in pairs for this assignment. Take 2 photos for each shutter speed listed below.

Some of the photos need to blur the motion/action (slow shutter speeds) while others will freeze the motion/action (fast shutter speeds). That means that you will have to experiment with motions/actions to find a motion that is slow enough to be frozen at the shutter speed you are using, and then a different motion that is fast enough to be frozen at that same shutter speed.

Planning your composition is essential. Set the focal point to the subject while it is still and press the shutter halfway. When the camera beeps, it is focused. Keep holding the shutter release button down halfway to let the subject start the movement. Take the photo to capture the motion (blurred or frozen).

Also practice taking good photos by using principles of composition and be aware of what's in the background of your photo.

2 photos need to be taken within each of the following shutter speed ranges:

- ✓ 1/400 - 1/2000
- ✓ 1" - 10"

****Post all 4 Photos to your Portfolio Page with captions listing the shutter speed, aperture & ISO**

Assessment

Completion & Labeled Correctly	Motion Control	Exposure	Composition
Fast Range 1/500 – 1/1000 ○ Photo 1 ○ Photo 2 <div style="text-align: right;">/2</div>	Motion is frozen in both photos <div style="text-align: right;">/2</div>	Photos are correctly exposed <div style="text-align: right;">/2</div>	Photos are in focus and follow basic composition and design rules <div style="text-align: right;">/2</div>
Slow Range 2" – 10" ○ Photo 1 ○ Photo 2 <div style="text-align: right;">/2</div>	Intentional motion blur, low light setting <div style="text-align: right;">/2</div>	Photos are correctly exposed <div style="text-align: right;">/2</div>	Photos are in focus and follow basic composition and design rules <div style="text-align: right;">/2</div>
All photos labeled with shutter speed, aperture, ISO & Focal Length			/2
Total Marks			/18