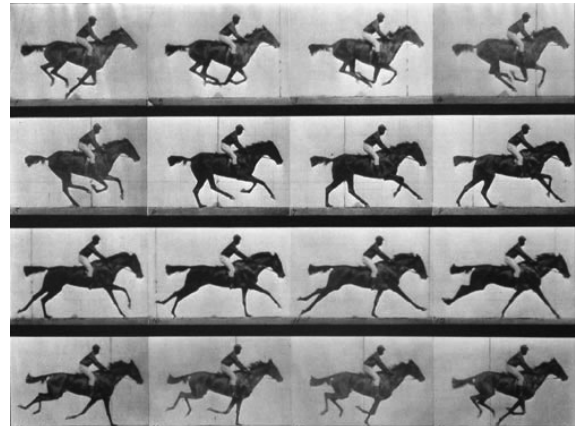


# Cinematography

**Cinematography** (from Greek: kinesis (movement) and grapho (to record)), is the making of lighting and camera choices when recording photographic images for the cinema. It is closely related to the art of still photography. Many additional issues arise when both the camera and elements of the scene may be in motion, though this also greatly increases the possibilities at the same time.

*Eadward Muybridge* stumbled across the idea of capturing motion with a camera when he settled a popularly-debated question of the day: whether all four of a horse's hooves left the ground at the same time during a gallop. To prove Stanford's claim, Muybridge developed a scheme for instantaneous motion picture capture. Muybridge's technology involved chemical formulas for photographic processing and an electrical trigger created by the chief engineer for the Southern Pacific Railroad, John D. Isaacs. Muybridge sequence of a horse jumping.



In 1877, Muybridge settled Stanford's question with a single photographic negative showing Stanford's racehorse *Occident* airborne in the midst of a gallop. This negative was lost, but it survives through woodcuts made at the time.

By 1878, spurred on by Stanford to expand the experiment, Muybridge had successfully photographed a horse in fast motion using a series of twenty-four cameras.

To see the horse in motion, follow this link: <http://en.wikipedia.org/wiki/Muybridge>



The first attempt at cinematography can be traced back to the world's first motion picture film, Roundhay Garden Scene. It was a sequence directed by Louis Le Prince, French inventor and showman, on October 14, 1888 in the garden at Oakwood Grange in Roundhay, Leeds, West Yorkshire, England.

# Assignment #12 CINEMATOGRAPHY

## What to shoot?

Individually, you need to shoot 25-30 photographs capturing the motion of a person, animal and/or object. These images, when in sequence, should tell a story. You will use at least 25 of these images, so you may want to shoot more to be on the safe side!

The camera should be set on manual settings:

**manual** mode

you will decide on the shutter speed, aperture and ISO that best suits your available lighting

Choose your best 25-30 images that tell a compelling story collectively. Clean them up and color correct them. Be sure they are all similar in color/tones when color correcting.

Using iMovie, you will create a mini movie with these images.

## What to turn in?

25 images + iMovie in one folder labeled "lastname\_A12"

## Where to turn in?

Drop Box

# Brainstorm

Before you begin taking photographs, show me your brainstorming for this assignment. I want to see several ideas for your mini movie, as well, several sketches for the idea that you choose!

# Research CAREER RESEARCH

Using the internet, research Cinematography and answer the following questions:

What type of person best suits this career?

Education?

Employment options?

Salary?/Compensation?

Equipment used?

Professional organizations?

The above should be in a Word doc titled, "lastname\_researchA12.doc"

# Research CINEMATOGRAPHER

Via the internet, find a contemporary cinematographer. Write a brief bio that includes information about his/her experiences and works completed. Compile this information in a Word doc titled, "lastname\_cinematographer12.doc"