Unit 02: Camera

Content Area: **Technology**
Course(s): **Television Production 4**
Time Period: **September**
Length: **Full Year**
Status: **Published**

Enduring Understandings

Information provided in the viewfinder can be evaluated to determine how the camera is operating.

A quality picture stems from a properly calibrated camera.

A properly calibrated camera ensures a quality picture.

Framing has certain rules, which aid in the shooting and editing process.

White balancing a camera needs to occur because lighting is different in every location.

Essential Questions

How is viewing life through a camera different than viewing life with your own eyes?

How will the camera be used differently in various productions?

Why is it important to vary shot composition?

Who, what are your creative influences you will use to enhance your shooting style?

How can white balancing influence your production?

Content

Vocabulary:

Stock Footage; B-Roll; Exposure Triangle, F/Stop, Shutter Speed, ISOIris, White Balance, Viewfinder, Natural Light, Artificial Light, Zoom Range/Ratio, Lens

Skills

Diagram the camera and explain its parts.

Understand and apply information found in the viewfinder.

Demonstrate camera calibration tools.

Identify properly composed shots.

Explain the basic rules for framing.

Demonstrate proper shot composition in field and studio productions.

Adapt the camera to a variety of lighting situations.

Integrate professional techniques into their camera work.

Apply the use of various camera settings and shot composition techniques to the creation of a B-Roll project.

Resources

DSLR or Video Camera

Standards

9.3.12.AR-AV.2	Demonstrate the use of basic tools and equipment used in audio, video and film production.