Unit 01: Intermediate Camcorder Techniques

Content Area: **Technology**
Course(s): **Television Production 2**
Time Period: **September**
Length: **10 Blocks**
Status: **Published**

Transfer

Implement various techniques with the camera as determined by the style of production. Students will review composition and calibration techniques. Students will advance their techniques in a more technical project as they begin to adapt to news productions.

Enduring Understandings

The viewfinder enables the user to understand how the camera is operating.

A properly calibrated camera ensures a quality picture.

Framing has certain rules, which aid in storytelling.

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?

Why will the camera be used differently in various productions?

Why is it important to vary shot composition?

Why can white balancing influence your production?

Content

Vocabulary:

Stock Footage; B-Roll; Iris, F/Stop, White Balance, Viewfinder, Shutter Speed, Gain, Natural Light, Artificial Light, Zoom Range/Ratio, ND Filter, Lens, CCD, Program, Auto, Manual, TV - Shutter Priority, AV - Aperture Priority

Learning Objectives

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.

Adapt the camera to a variety of lighting situations.

Apply the use of various camera settings and shot composition techniques to the creation of a Nat Sound project.

Resources

ENG Video Camera; Video Editing Software

Standards

9.3.12.AR.6	Evaluate technological advancements and tools that are essential to occupations within the Arts, A/V Technology & Communications Career Cluster.
9.3.12.AR-AV.2	Demonstrate the use of basic tools and equipment used in audio, video and film production.
9.3.12.AR-JB.3	Plan and deliver a media production (e.g., broadcast, video, Internet and mobile).