

Camera, Lighting & Audio

Days: 20 days

Key Learning: Creative camera work, proper lighting and clear audio are necessary for a package to be successful.

Unit Essential Questions: How do creative camera work, proper lighting and clear audio contribute toward a successful package?

Concept : Creative Camera Work

Concept: Proper Lighting

Concept : Clear Audio

Lesson Essential Question:

What are the parts of a camera?

What are the elements of creative camera work and how does one achieve them?

Lesson Essential Question:

What are the elements of proper lighting and how does one achieve appropriate lighting effects?

Lesson Essential Question:

What are the elements of clear audio and how does one apply them while filming?

What cables and microphones are necessary and appropriate?

Vocabulary : viewfinder, lens, long/establishing shot, medium, close-up, extreme CU, canted/dutch, dolly, pan, tilt, zoom, low/high angle, depth of field, head room, lead room, nose room, rule of thirds, handle, white balance

Vocabulary: 3-point lighting, key light, lighting temperature, white balance, chroma key lighting, lighting gels, backlight, reflector

Vocabulary: Microphone, lapel, XLR cable, audio portable mixer (Beachtek), pig tail cable, audio mixer (in studio), RCA cable

Additional Information/Resources: ITV Best Practices (www.polk-fl.net/itv), Television Production by Phillip Harris (Goodheart-Willcox Company, Inc. www.g-w.com copyright 2006), Television Production Handbook by Herbert Zettl