Elizabethtown Area School District
Scope & Sequence - Quick Reference

Department: Technology and Engineering Education

Course: Broadcasting and Digital Media

Grade Level(s): 10-12

Unit Title	General Topic(s)	Pacing
1. **Broadcast Graphics**	- Designing for Broadcast Media - Principles/Fundamentals of Design - Ratios and Composition 3D Titles and Objects - Compositing	4 Weeks
2. **Animation**	- Categories of Animations - Animation History - Keyframing - Interpolation - Particle Systems - Animation in Industry	3 Weeks
3. **Broadcasting Ethics and Media Literacy**	- What is news/news-worthy - Radio-Television Digital News Association Code of Ethics - Ethics Case Study - Fake News/Assessing Sources - Facts, Opinions, and Informed Opinion - Confirmation Bias - Freedom of Press - Filter Bubbles/Social Media	6 Weeks

4. Characteristics of Sound	● Physics of Sound ● Audio Equipment ● Dynamic vs. Condenser Mic Elements ● Pickup Patterns ● Measuring/Monitoring Sound ● Audio Capture Technique ● Analog vs. Digital Audio	3 Weeks
5. Principles of Light	● Electromagnetic Radiation ● Light Frequency/Color Temperature ● Lighting Instruments ● Additive Color ● 3 Point Lighting ● Controlling Light ● White Balancing	3 Weeks