

COURSE EXPECTATIONS

Video Production
Mr. Bradanini/Ms. Devine
bradaninid@northstonington.k12.ct.us
devinen@northstonington.k12.ct.us
Media Center Computer Lab

I. Course Overview:

In this course students will use computer based software to create several different types of videos. The basic principles underlying broadcast communication will be discussed and applied in this course. Technical aspects of pre-production, production, and post production will be discussed and used to create informative videos, commercials, and documentary movies. Students will integrate, apply, and practice skills used in math, science, reading, and writing to progress to a higher level of learning.

II. Course Objectives: State of Connecticut CTE standards 2015 edition

A. Video Production Skills: Understand video production as a communication tool and the equipment and skills required to properly communicate a message.

1. Describe the various video production processes, when integrated together to create a successful message.
2. Describe the differences between a studio production and a field production.
3. Identify various career paths in digital/video production.

B. Safety: Describe and apply the fundamental principles that relate to both field and studio production.

4. Demonstrate fire safety prevention and extinction, and trip hazards as it relates to lighting and electrical equipment.
5. Describe the fundamentals of step ladder safety.
6. Identify proper methods of transport and storage for appropriate production and personal equipment.
7. Describe and apply fundamentals of cable safety.

C. Pre-Production: Describe the process used for concept development and storyboarding as part of the pre-production process while focusing on the importance of communication, deadlines, and legal considerations.

8. Identify a target audience and design an appropriate message for the target market.
9. Describe the process used for concept development/treatment.
10. Identify and describe the script elements of storyboarding, two column, and screenplay format.
11. Define and describe the legal concerns of copyrights, ethics, releases, and royalties.
12. Explain the importance of budgets, scheduling, and deadlines in meeting the requirements of a project.
13. Evaluate a shooting location in terms of lighting, sound, production equipment needs, and electrical essentials.

D. Production: Identify and describe the elements of production to effectively deliver a message.

14. Describe, plan the use of, and apply 3-point lighting, source light, white balance, scrims, and reflectors using the appropriate techniques.
15. Describe the various types of sound equipment and techniques used with handheld, lavalier, shot gun, condenser, omni and directional methods.
16. Describe the equipment and personnel necessary for producing a studio production.
17. Describe the equipment and personnel necessary for producing a field production.

E. Cinematic Principles: Describe and apply fundamental camera operations, movement, and composition.

18. Describe white balance, iris, aperture, auto and manual focus, audio settings, and levels in camera operations.
19. Describe dolly, truck, pan, and tilt as it relates to camera movements.
20. Describe the following methods of stabilization: tripod, monopod, slider, steady cam, fluid head, friction head, and dolly.
21. Describe the rule of thirds, head room, lead room/talk space, establishing shot, extreme close up, close up, medium, medium wide, wide, extreme wide, and depth of field as it relates to camera composition/framing.

F. Post-Production: Identify and describe the elements of post-production to effectively deliver a message.

22. Create graphics and titles appropriate to the project.

23. Describe play head, timeline, bin, multiple tracks, trimming, and edit points within nonlinear video editing.
24. Describe and apply import, file, and asset management.
25. Edit and finalize images and video for rough cut, transitions, color correction, keying, and pacing with nonlinear software.
26. Edit audio for voice over, sound levels, music, and sound effects with application software.

G. Media Components and Concepts: Identify and understand the technological literacy of video production.

27. Describe the following digital literacy terminology: aspect ratios, screen resolution, frame rate, file formats, codec, compression, bit rate, and display properties.

III. Material Required:

Nearly all of the classroom materials will be provided. Students are however, responsible for bringing to class a pencil and eraser.

IV. Grading Policy and Methods:

Class assessment is based on class work and projects along with a final exam.

Class Work – 10%

Projects – 90%

V. Class/Behavior Expectations:

Students are required to follow all school rules at all times. In addition, behavior expectations specific to this course must also be followed:

1. All safety rules are followed at all times
2. Students respect each other and the classroom
3. Students do not handle materials that are not theirs
4. Students comply with situation specific rules given by the teacher
5. Students will not destroy or vandalize school property

VI. Attendance Policy – stated in handbook:

VII. Academic Integrity Statement – stated in handbook:

VIII. Wheeler High School Academic Expectations assessed by this course:

- Communication