TELEVISION AND VIDEO PRODUCTION I

LENGTH OF TIME: every day, 90 minutes

GRADE LEVEL: 9-12

COURSE STANDARDS:
Students will:
1. Become familiar with the processes and tools associated with video production.(PA Academic Std 3.1A, 3.2A, 3.6A, 3.6B,3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E)
2. Develop pre-production skills through story boards and script writing. (PA Academic Std 3.6B, 3.6D, 3.7E)
3. Utilize the 15 elements of composition in all video productions. (PA Academic Std 3.6B, 3.6D, 3.7E)
4. Develop respect and a working understanding of all video production equipment. (PA Academic Std 3.1A, 3.2A, 3.6B,3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E)
5. Use basic lighting and audio techniques in the creation of all video productions. (PA Academic Std 3.1A, 3.2A, 3.6B,3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A)
6. Work cooperatively in teams on Video/TV production projects. (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)
7. Create Video and TV production projects using adobe premier.   (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)
8. Produce written scripts for all projects that demonstrate an understanding of the rules of the English Language. (PA Academic Std 3.6D, 3.7D, 3.8B, 3.8A, 3.2D)
9. Develop an understanding of video terms through application. (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)
10. Use a variety of digital imaging techniques in the creation of video. (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)
11. Use a variety of software packages in the creation of materials for video and TV production. (PA Academic Std 3.6B,3.7C, 3.7D, 3.7E)
12. Develop studio and field production techniques in the creation of video and TV projects. (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)
13. Utilize the internet in developing resource material for the completion of all Video/TV projects. (PA Academic Std 3.1A, 3.2D, 3.6B, 3.6C, 3.7C, 3.7D, 3.7E, 3.8C)
14. Develop an understanding of professional ethics when working in Video/TV production. (PA Academic Std 3.8A, 3.8B, 3.8C)
15. Will develop programming for the Palisades Channel. (PA Academic Std 3.1B, 3.2B, 3.2C, 3,6B, 3.6C, 3.6D, 3.7A, 3.7B, 3.7C, 3.7D, 3.7E, 3.8A, 3.8B, 3.8C)

RELATED PA ACADEMIC STANDARDS FOR SCIENCE AND TECHNOLOGY
3.1   Unifying Themes
      A. Systems
      B. Models
      C. Patterns

D. Scale
E. Change
3.2 Inquiry and Design
    A. Nature of Scientific Knowledge
    B. Process Knowledge
    C. Scientific Method
    D. Problem Solving in Technology
3.3 Biological Sciences
    A. Living Forms
    B. Structure and Function
    C. Inheritance
    D. Evolution
3.4 Physical Science, Chemistry and Physics
    A. Matter
    B. Energy
    C. Forces and Motion
    D. Astronomy
3.5 Earth Sciences
    A. Land Forms and Processes
    B. Resources
    C. Meteorology
    D. Hydrology and Oceanography
3.6 Technology Education
    A. Biotechnology
    B. Information Technology
    C. Physical Technologies
3.7 Technological Devices
    A. Tools
    B. Instruments
    C. Computer Operations
    D. Computer Software
    E. Computer Communication Systems
3.8 Science, Technology and Human Endeavors
    A. Constraints
    B. Meeting Human Needs
    C. Consequences and Impacts

PERFORMANCE ASSESSMENTS:
Students will demonstrate achievement of the standards by:
1. Engaging in the development of a series of video production projects that utilize the tools and processes of video production. These projects will range from shooting activities such as sports to public service announcements. (Course Standard 1)
2. Demonstrating through the creation of visual storyboards for all Video/TV production projects the understanding of video process. The storyboards will contain information about the type of action, camera angles, shot information, microphone information and notes on composition. (Course Standard 2)

3. Demonstrating through the implementation of the 15 elements of composition in all TV and video production. Each project will be accompanied by a list of how each of the elements was utilized in the design and production of the project. (Course Standard 3)
4. Demonstrating that they can use all video production equipment in the capture of video images for the successful completion all projects. Students will return all video equipment good working condition, thus demonstrating respect and understanding of the equipment. These projects will include but not be limited to: panning, zooming, tight shots, using tripods, backgrounds, brightness, pacing, focusing, white balance, indoor/outdoor settings, and portraits. (Course Standard 4)
5. Demonstrating they can utilize correct lighting in both the studio and for outdoor settings. Incorporate audio microphones to capture the sound by analyzing each setting and determining the placement of microphones to best capture the audio. Students will document this through their storyboards and written documentation outlining the video production process. (Course Standard 5)
6. Developing a list of jobs for each project and identify the tasks necessary for the successful completion of that job as it pertains to the current project. Students will share job responsibilities with the other members of the team. (Course Standard 6)
7. Demonstrating they can use adobe premier in compiling the finished video clip. These clips will include audio, video formats, intro slides, credit slides and separator slides in the successful completion of these projects. (Course Standard 7)
8. Demonstrating they can create written scripts of the Video/TV project before the research and filming is started. All scripts will be grammatically correct and be approved by the instructor before starting. (Course Standard 8)
9. Demonstrating they can utilize correct video terminology in the creation of written descriptions, story boards and scripts in the successful completion of all Video/TV projects. (Course Standard 9)
10. Demonstrating they can create intro slides and credits through the use of digital images. Production pieces will include digital images. (Course Standard 10)
11. Demonstrating that all Video/TV production projections will be created using Adobe Premier, Power Point, and the MS Office Suite of software.
    (Course Standard 11)
12. Demonstrating through the successful completion of all Video/TV production projections the use of studio and field production techniques. (Course Standard 12)
13. Accessing the internet and creating lists of information that will be used in developing the storyboards and written scripts in the successful completion of the Video/TV projects. (Standard 13)
14. Demonstrating through research and communication the ethics of TV/Video broadcasting. (Course Standard 14)
15. Being part of the planning and creation of programming for the Palisades Channel. (Course Standard 15)

DESCRIPTION OF COURSE:
Students will be exposed to the TV/Video production field and will be responsible for the production of the high school's morning and afternoon shows. The principles and methodology of the entire television production process will be explored in depth. Students in this program will learn to operate studio and field cameras, video production switchers, character generators,

and video editing equipment, lighting and audio systems. Each student will continue to build their communication skills by specialized writing for news and promotional script writing. Students will learn creative set design, computer animation and skills necessary to become a full producer.

TITLES OF UNITS:
1. Camera use and operation   .5 week
2. Elements of Composition   .5 week
3. Storyboarding   .5 week
4. Script Writing   .5 week
5. Lighting   .5 week
6. Digital Photography   .5 week
7. Audio   .5 week
8. Premier/Editing   2 weeks
9. Projects (ongoing)   14 weeks

SAMPLE INSTRUCTIONAL STRATEGIES:
1. Organizing data
2. Instruction and note taking
3. Modeling
4. Cooperative Learning
5. Problem Solving Tasks
6. Hands on Activities
7. Individual instruction
8. Research tasks
9. Discussion
10. Writing Activities
11. Visual communication

MATERIALS:
1. Video Editing Equipment
2. Video Production Equipment
3. Writing, Directing, and Producing Documentary Films and Videos
4. Adobe Premiere Pro 2019
5. Teaching Scriptwriting, Screenplays, and Storyboards for Film and TV
6. Making Videos.
7. Instructor created Materials
8. Internet
9. Professional Resources

METHODS OF ASSISTANCE AND ENRICHMENT:
1. Guest Speakers
2. Internet
3. Professional Resource People
4. Field Trips to television studios

PORTFOLIO DEVELOPMENT:
The following items are appropriate for inclusion in their portfolios:
1. Camera Project
2. Story Boards
3. Written Scripts
4. Final Project

METHODS OF ASSESSMENT:
1. Problem solving activities with rubrics
2. Projects with video production rubrics
3. Story Boards with rubrics
4. Presentations with rubrics
5. Written scripts with rubrics

INTEGRATED ACTIVITIES:
1. Concepts
   a. Researching material for project design
   b. Transferring Oral skills to a visual format
   c. Time management/Task Identification

2. Communications
   a. Video Editing
   b. Story boards
   c. Script writing

3. Thinking/Problem Solving
   a. Solving problems using the systems approach
   b. Analyzing data to solve the problem
   c. Self Help portions of Software packages

4. Application of Knowledge
   a. Creation of final videos
   b. Written documentation
   c. Multimedia products

5. Interpersonal Skills
   a. Working with others toward a common goal
   b. Interviewing professionals
   c. Soliciting information from others.