

**MEDIA TECHNOLOGY 3**

**January 2006**

**COURSE NUMBER 783**

**TEACHER: MR. JOSEPH PORTELLO**

**SUPERVISOR: MR. MARK WALLACE**

**PRINCIPAL: MR. JAMES PLATUKAS**

**DIRECTOR OF CURRICULUM AND INSTRUCTION MS. JANICE MEZIER**

**SUPERINTENDENT: DR. JOHN HANNUM**

**Name of Course: Media Technology 3**  
**Level of Course: Academic**  
**Prerequisites: Media 1,2**  
**Grade Level Offered In: 11 through 12**  
**Course Number: 783**  
**Number of Credits: 5**  
**Length: Thirty Six Week Curriculum 180 Days**  
**Recommended Class Size Maximum 18 (Equipment Restrictions)**  
**Teacher Recommendation: Teacher of Television Production,  
Technology Education Teacher**  
**Revised Date and Teachers Name: January, 2006 Mr. Joseph Portello**

**Purpose:**

**This Course is meant to continue the instruction of the first two Media courses. It is primarily a production-oriented Course. Creativity and the ability to work independently are essential elements of this class. The students will explore the use of more sophisticated equipment and research the ever-changing technology in this field.**

**In addition to mastering the Media 2 proficiencies, students should be able to:**

- A. Work on independent projects**
- B. Visualize and create original video projects**

**In addition to technical skills the course will give students the opportunity to develop other skills such as researching a topic, keyboarding, writing, editing, teamwork and public speaking.**

*High Point Regional High School's curriculum and instruction are aligned to the State's Core Curriculum Content Standards and address the elimination of discrimination by narrowing the achievement gap, by providing equity in educational programs and by providing opportunities for students to interact positively with others regardless of race, creed, color, national origin, ancestry, age, marital status, affection or sexual orientation, gender, religion, disability or socioeconomic status.*

## **Method of Instruction**

**This Media Technology 3 course will provide students with an advanced knowledge in the use of equipment and processes utilized in the motion picture industry. Through the use of lectures, demonstrations, guided practice and group and individual projects students will learn the terminology and steps used in the film industry.**

**In each unit the instructor will introduce and demonstrate the rolls, procedures and operations covered in that unit. The instructor will then guide the students through simulated practical hands on experience. The students will then be given a project that they will produce using the skills covered in that unit.**

**This course is intended to be both an academic and hands on class. Whenever possible projects will be “Real Life” practical experiences. This class may provide materials for our cable show “The Wildcat Report”. Media 3 students will also work with non-profit community agencies in the creation of promotional videos.**

**The Baldrige Process will be the means of addressing the personal relevance to the student enrolled in this course. This course concentrates on giving the students the opportunity personally and professionally to develop leadership skills. Teamwork is also emphasized. All students are given the opportunity to be the team leader.**

**General Objectives;**

**At the conclusion of this course students will be able to**

- 1. Outline the safety procedures for this class.**
- 2. Stress the proper care of the equipment used in the class.**
- 3. Practice the production process, elements and types of productions.**
- 4. Increase their understanding of the relationships of the production crew.**
- 5. Operate hand held, digital camera**
- 6. Learn about light and it's use in film.**
- 7. The use of different kinds of audio equipment.**
- 8. Interview and hire talent and crew.**
- 9. Recognize the importance of film as a visual art form**
- 10. Prepare and implement a budget.**
- 11. Write scripts for film and video.**
- 12. Enhance their productions using special effects.**
- 13. Edit their productions.**
- 14 Be aware of the proper maintenance of audio and video equipment.**
- 15 Work with Final Cut Pro editing software.**
- 16 Job and higher education search.**
- 17 Understand copyrights and releases.**

<b>Lecture/Discussion</b>	<b>Objectives1, 2,3,5,6,7,8</b>
<b>Class Projects</b>	<b>Objectives3, 4,7,11,12,13</b>
<b>Problem Based Learning</b>	<b>Objectives 2,4,7,8,9</b>
<b>Computer Based Learning</b>	<b>Objectives 11,12,13</b>
<b>Field Trips</b>	<b>Objectives 3,10</b>

**Measurement of success in meeting these general objectives will be carried out through the following methods of assessment:**

<b>Crew Work</b>	<b>Objectives 2,4,9,14</b>
<b>Quizzes/Tests/Final Exam</b>	<b>Objectives 1,3,5,6,7,8</b>
<b>Projects</b>	<b>Objectives 11,12,13</b>

## **Standards Targeted Throughout the Curriculum**

### **New Jersey Core Content Standards and Cumulative Progress Indicators.**

- **Demonstrate skills needed to effectively access and use technology-based materials through keyboarding, troubleshooting, retrieving and managing information. (NJCCS 2.0, #3)**
- **Use technology and other tools to solve problems, collect data and make decisions. (NJCCS 2.0, #7)**
- **Identify and evaluate the validity of alternative solutions. (NJCCS 3.0, #11)**
- **Apply problem solving skills to original and creative/design projects. (NJCCS 3.0, #15)**
- **Use time efficiently and effectively. (NJCCS 4.0, #10)**

### **New Jersey Core Curriculum Content Standards**

#### **Cross-Content Workplace Readiness Standards**

- **Standard 1: All students will develop career planning and workplace readiness skills**
- **Standard 2: All students will use technology, information and other tools.**
- **Standard 3: All students will use critical thinking, decision-making and problem-solving skills.**
- **Standard 4: All students will demonstrate self-management skills.**
- **Standard 5: All students will apply safety principles.**

### **New Jersey Core Curriculum Content Standards**

#### **Visual and Performing Arts**

- **Standard 1.2: All students will refine perceptual, intellectual, physical and technical skills through creative dance, music, theater, and /or visual arts.**
- **Standard 1.3: All students will use arts elements and arts media to produce artistic products and performances.**
- **Standard 1.4: All students will demonstrate knowledge of the process of critique.**

### **New Jersey Technology Standards (TEAN)**

- **Apply values and make rational decisions about technological issues. (NJTES 1.19)**
- **Create multimedia presentations to inform others about design concepts, products and events. (NJTES 4.17)**
- **Access and search the Internet for relevant information while conducting research. (NJTES 6.16)**
- **Generate original ideas based on previous knowledge and research. (NJTES 7.41)**

**Standards of Technological Literacy from the (TFAA)  
Technology for All Americans Project and the International  
Technology Education Association. (ITEA)**

- **In order to comprehend the scope of technology, students should learn that technology is closely linked to creativity, which has resulted in innovation. (TFAA#1, H)**
- **In order to recognize the core concepts of technology, students should learn that systems thinking involves considering how every part relates to others. (TFAA #2, N)**

**Proficiencies-Measurable Objectives and Estimated Timelines:**

**Unit 1: Course Introduction and Safety Guidelines**

**Goal:**

**Time: 3 days/Ongoing**

**To introduce the students to the course expectations, discipline policy, and safety guidelines**

**Objectives:**

**Students will be able to:**

- . **Understand the course expectations and timeline for instruction**
- . **Understand the discipline policy that relates to behavior in the class.**
- . **Outline the safety procedures for the class.**
- . **Stress the proper care of the equipment used in the class.**

**Assignments:**

- **Homework: Watch films and videos and fill in worksheet.**

**Lab activities:**

- **None**

**Audio-Visual needs:**

- **Room 432 (TV Studio)**

**Computer needs:**

- **None**

**Assessment method:**

- **Authentic: Teacher Observation**
- **Traditional: Safety Quiz**

**Standards targeted via this unit:**

- **NJCCS 4.0, #10**
- **NJCCWRS 5.0**

## **Unit 2: Movie Style Shooting**

Goal:

Time: 1 week/ Ongoing

Students will understand the complexities of filmmaking.

Objectives:

Students will:

- . Understand the 7 basic shots used in filmmaking.
- . Story board a scene.
- . Establish location shooting.
- . Audition talent.
- . Hire a crew.
- . Understand the use of releases.

Assignments:

- . Eight shot video project.
- . Creation of a storyboard project.

Lab Activities:

- . None

Audio-Visual needs:

- . Room 432 (TV Studio Computer lab.)

Computer needs:

- . I-Mac computers

Assessment method:

- . Authentic: Teacher Observation
- . Traditional: Student Demonstrations  
Student Projects.

Standards targeted via this unit:

- . NJCC2.0,#7. 2.0 #2, 3.0,#15
- . NJCCWRS 1.0, 2.0, 3.0, 4.0, 5.0
- . NJCCSVPA 1.2, 1.3

### **Unit 3: Review of the I-Mac computer and video editing.**

Goal: Time 2 weeks/Ongoing

Students will learn the basics of computer editing.

Objectives:

Students will be able to:

- . Use the storyboard to import video
- . Use transitions to enhance their video.
- . Add music and sound effects to their video.
- . Add titles and graphics to their story.
- . Export video to tape, DVD or the net.

Assignments:

- . Video projects using the I-Mac computers

Lab activities:

- . None

Audio-Visual needs:

- . Room 432 (TV Studio)

Computer needs:

- . I-Mac computers Room 432

Assessment method:

- . Authentic: Teacher Observation
- . Traditional: Student Demonstrations  
Student Projects

Standards targeted via this unit:

- . NJCCS 2.0, #7, 3.0, #15, 4.0, #10
- . NJCCWRS 2.0, 3.0, 4.0, 5.0
- . NJCCSVPA 1.2, 1.3

### **Unit 4: Introduction to Final Cut Pro**

Goal: Time: 2 Days/Ongoing

Students will learn the operation of Final Cut Pro, a professional editing System.

Objective:

Students will be able to:

- . Import scenes to Final Cut Pro.
- . Edit scenes.
- . Add transitions.
- . Add and adjust audio.
- . Correct color.
- . Add special effects.
- . Export movies to tape, DVD, or the Internet.

Assignments:

- . Short movie project.
- . Music video.
- . Feature length mid-term and final project.

Lab activities:

- . None

Audio-Visual needs:

- . Room 432

Computer needs:

- . I-Mac computers room 432

Assessment method:

- . Authentic: Teacher observation
- . Traditional: Student projects.

Standards targeted via this unit:

- . NJCCS 2.0, #2, 2.0, #7, 3.0, #15, 4.0, #15
- . NJCCWRS 1.0, 2.0, 3.0, 4.0, 5.0
- . NJCCSVPA 1.2, 1.3, 1.4
- . NJTES4.17
- . TAFF #1H, #2N

**Unit 5: Introduction to the Cannon CC1 Three Chip Camera.**

Goal:

Time: Three Days/Ongoing

Students will learn to use a professional video camera.

Objective:

Students will be able to:

- . Identify the Cannon CC1 three chip camera.
- . Learn manual focus features of this camera.
- . Understand how light and camera lens filters enhance their films.
- . Use the stabilization feature of this camera.
- . Use the enhanced audio features of this camera.

Assignments:

- . Silent movie project
- . Logo project
- . Independent projects

Lab activities:

- . None

Audio-Visual needs:

- . Room 432

Computer needs:

. I-Mac computers room 432.

Assessment method:

- . Authentic: Teacher Observation
- . Traditional: Student Demonstrations  
Student Projects

Standards targeted via this unit:

- . NJCCS 2.0,#2, 2.0,#7, 3.0,#15, 4.0,#15
- . NJCCWRS 1.0, 2.0, 3.0, 4.0,,,,,, 5.0
- . NJCCSVPA 1.2, 1.3, 1.4
- . NJTES 4.17
- . TAFF #1H, #2N

**Unit 6: Video Maintenance:**

Goal:

Time: 2 Days/Ongoing

Students will be aware of proper maintenance of video and audio equipment.

Objective:

Students will be able to

- .Properly Store Equipment
- .Battery Care
- .Protection of Video Tape
- .Cleanness of Studio

Assignments:

- .Class work: Lecture on Maintenance

Lab Activities:

- .Ongoing Maintenance and /care of Equipment

Audio/Visual Needs:

- .Room 432 TV Studio)

Assessment Method;

- .Authentic; Teacher observation

Standards targeted via this unit;

- .NJCCS 4.0, #10
- .NJCCSWRS Standard 5

**Other Requirements:**

Media 3 will contain all of the proficiencies of Media 1 and 2 plus the following:

Time: Ongoing

A.

Large Group Projects.

Students will produce a daily Morning Announcements program for the school. The students will handle all aspects of the production. This production will be done live. Students will rotate

- jobs on a monthly basis.
- B. Individual or Small Group Projects:  
Each marking period students will produce a variety of projects to include:  
Instructional Videos  
Public Service Announcements  
Investigative Reports  
Interviews  
Advertisements for non-profit Community Organizations  
Promotional Videos for the School  
Projects for Other Departments in the School  
Any other project with Teacher Approval

**Assessment:**

A significant portion of the evaluation process is “performance based” as observed by the instructor. In each unit the student is expected to be able to demonstrate the roles, skills, procedures and operations covered in the unit. Grades are computed a Total *Points* basis. Grades are given for Tests, Projects and Crew Work. The points given divided by the total possible gives the student their average. A final exam (Project) is given

Evaluation Tools

Measures of student progress

The assessment of student progress in the objectives cited on the previous pages will be primarily by, but not limited to, the following criteria.

Video Portfolios & Presentations

Crew Work

Tests

Class Participation/Code of Conduct

Knowledge Logs/Notebooks

Observation

Systematic, wherein the observer gathers data on one or more precisely defined behaviors;

Nonsystematic, in which the observer watches the child at school in the setting of concern and notes the behaviors, characteristics, and personal interactions that seem significant;

Authentic Assessment Measures Progress in Applied Skills

Authentic assessment rates students' performance on real world tasks. To perform successfully on these tests, students must know the subject area and be able to use that knowledge to perform problem solving tasks. Activities used in authentic assessments may include:

Conducting research; Designing a solution to a problem;

Writing and recording a news article, or short story

Performing an oral presentation based on a project or analysis; and collaborating with others

Mid-Term Exam revised 1-19-07

Final Exam revised 6-12-07

Homework, Extra Credit Policy:

Extra credit will be given to all student projects worked on outside of the normal curriculum. Special credit will be given to community-based projects. Projects that cross the curriculum will be encouraged and the production facilities will be made available to students who work on these projects. Little or no homework will be given in this course but students will be held to timelines for the completion of their projects.

**Special Course Policies:**

**DUE TO THE NATURE OF EQUIPMENT AND ACTIVITIES, ANY INFRACTIONS OF SAFETY OR CLASSROOM RULES MAY RESULT IN THE IMMEDIATE REMOVAL FROM THE CLASS.**

Periodic evaluation of objectives and this curriculum guide;  
Curriculum will be evaluated every five years.

Lab/Classroom set up and special needs:

The recommended maximum class size is eighteen students. This course will be taught implementing a variety of different and state of the art technologies such as:

- . I-Mac computers
- . I-Movie editing programs
- . Final Cut Pro editing programs
- . Adobe premier editing programs
- . Pinnacle Studio editing programs
- . Digital cameras
- . Classroom space
- . A full Television studio
- . Supplies necessary to create and edit programs

**Materials/Resources:**

- . Text: Television Production: A Vocational Approach and Video Users Handbook
- . Using I-Movie for I-Mac
- . Text: Making Digital Video
- . Text: Multimedia and Image Management
- . Teacher Handouts
- . Various Web Sites
- . Various Video Supplies
- . NJ-TEC Guest Speakers

**Field Trips/Visitations**

- . New Jersey Network
- . NBC Studios
- . News 12 New Jersey
- . Various Schools With TV Programs



