



**Portsmouth**  
High School



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Course Overview & Expectations

# Music Production & Engineering

## Course Information

Credits: .5

Course Length: Semester

Class Location: C-2 Computer Lab

## Teacher Information

Name: Mr. Rausch

Phone: 401-683-2124

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## Course Description

**Music Production & Engineering** is designed for the student who is interested in music, but may not play an instrument. This class will spend much of the time exploring the newest forms of digital sound recording and manipulation on the computer through a process called sequencing. We will be investigation on-line resources and working from sound programs such as Audacity, Soundation, cakewalk, and Mixcraft to create music without performing on traditional instruments. Students will be creating their own songs from the computer as well as arranging well-known popular, jazz, classical, and folk songs. In addition to audio digital recording students will learn sound production and engineering for school events, concerts and drama productions. No Prerequisite: Playing an instrument or the ability to read music is NOT necessary for the course, but is beneficial. This course may be used toward fulfillment of STEAM certificate Art requirement. Note: Students may receive credit from Rhode Island Colleges Early Enrollment Program

### **Unit of Study Sequence:**

- Project 1 - Teen's Guide
- Project 2 - Song Manipulation
- Project 3 - Mix a Speech
- Project 4 - Medley Mix
- Project 5 - Music Montage
- Project 6A - Loops
- Project 6B – Virtual Instruments
- Project 7 – Song Form ABA
- Project 8 – Film Score
- Project 9 – Sound Effects Story
- Project 10 – Your Choice
- Digital Audio Questions

## Course Competencies/ Learning Objectives

### **PHS Learning Expectations:**

[choose relevant expectations]

- Access and critically analyze information to answer questions and explore ideas
- Utilize effective problem solving strategies
- Interpret and design visual messages for specific purposes
- Engage in work with integrity, both independently and collaboratively
- Use technology to discover and demonstrate knowledge

## Standards:

### GSE's

- M1 (9-12) –2
- M2 (9-12) –1
- M2 (9-12) – 2
- M3 (9-12) –1

### National Standards:

- 3. Improvising melodies, variations, and accompaniments.
- 4. Composing and arranging music within specified guidelines.

### National Core Standards – Technology Strand

*MU:Re7.I.T.Ia* Cite reasons for choosing music based on the use of the elements of music, digital and electronic aspects, and connections to interest or purpose.

*MU:Cr3.2.T.IIa* Share compositions and improvisations that demonstrate an accomplished level of musical and technological craftsmanship as well as the use of digital and analog tools and resources in developing and organizing musical ideas.

*MU:Cr1.1.T.IIa* Generate melodic, rhythmic and harmonic ideas for compositions or improvisations using digital tools and resources

## Textbooks and Other Resources

- Students may bring their own **headphones** to class.
- Students will need to have the ability to transfer and save files from home to school either by:
  1. Jumpdrive
  2. Create and use a DROPBOX free account.
- Students may wish to download and install the AUDACITY program that is used in school. It is free and one of the most widely used programs in high schools and college universities. You can download the program here: <http://audacity.sourceforge.net/>

## Student Evaluation

<b>Comprehensive Course Assessments (CCA)</b>	Music Montage Project
<b>Class Assessments</b>	30%
<b>Projects</b>	70%

## Class Requirements

Comprehensive Course Assessments (CCA): Students must demonstrate proficiency on each CCA in order to be eligible to receive credit for the class.

## Attendance Expectations

Regular and prompt class attendance is an essential part of the educational experience. Portsmouth High School expects students to exercise good judgment regarding attendance and absences. Students will accept full responsibility for ensuring their work does not suffer because of absences. All students are expected to attend every scheduled class on time. Students who are absent from class may be required to stay after school or make arrangements to come during their study hall to make up work. Exceptions may be made for illness and valid emergencies. Please refer to the Student Handbook for additional information.

### **Classroom Expectations**

- Absolutely **NO FOOD** or **DRINKS** allowed in computer lab!
- Cell phones are not permitted in class UNLESS they are being used as part of a lesson.
- Students will be required to use the same computer terminal for the entire semester. There is no moving seats freely.

### **Academic Integrity, Cheating & Plagiarism**

Students are responsible for earning grades honestly and honorably including homework. Failure to meet this responsibility will result in disciplinary action. Please refer to the Student Handbook for additional information.

Cheating is defined as using someone else's work or labor with or without their knowledge, and representing it as your own. This includes (but is not limited to) giving or receiving answers or work on a task, test or quiz, removing tests or answers from the testing room, plagiarism, any use of a cell phone or other communication or recording device during the task/test. It is also knowingly giving your work or labor to another, for representation as his- or her-own produced work.

### **General Information**

*If you are having trouble with this class, come to me immediately and I can work with you. If you wait until the end of the marking period, it will be TOO LATE. I will be available to help you understand so you can be successful in this class.*

### **Syllabus/Course Outline**

All lessons, class information, download links will be found on our website:

<http://www.portsmouthmusic.org/music--computers.html>

**\*This is a "textbook-less" class as all of our assignments and class instructions will be provided by our website.**

**\*\*Music Production & Engineering is offered as an EEP class through Rhode Island College.**

**(Early Enrollment Program)**

The EEP is a concurrent enrollment program that offers college credit from Rhode Island College to highly motivated high school seniors and select juniors. Students who are seeking an academic challenge and have maintained a strong academic average may qualify for participation in the EEP, contingent upon the recommendations of teachers and school counselors.

Concurrent enrollment means the student earns both high school credit and college credit for certain designated courses at their respective high schools. Begun in 1980, Rhode Island College's EEP has awarded college credits to thousands of students. Nearly 50 high schools in RI and nearby MA offer EEP courses to nearly 1400 students annually.

You will be receiving a registration form that will need to be signed by BOTH Parent AND Student.