

Welcome to the Music Technology Class! This class is not only about music and technology, but it is also about all recording technology in general. In this class you will learn all about how to record “studio” and “live” music, make commercials, radio/podcast segments, create and record your own music with MIDI and sequencing, create YOUR OWN musical compositions, and a lot more. This class is intended to be a way for you to learn about - and have fun with - the science of sound and technology. You will learn not only how to record, but also use state-of-the-art computers and programs to mix and edit music. The ultimate products of this class will be your own recordings in various formats - possibly even your own web-portfolio, too.



*You are required to be able to read music, perform on an instrument/voice as a **REQUIRED PREREQUISITE** to be enroll in the course. You must be willing to create your own musical compositions for this class. Failure to do so will affect your grade.*

We are constantly upgrading our music technology lab, keeping it state-of-the-art with hardware and software. It is a nicer lab than you will find in most schools and everything is professional-grade. Everything in the lab is important, fragile, and expensive. Please treat all of our equipment with respect. The lab and the workstations are not your personal stereo system. You are responsible for the upkeep and maintenance of the equipment and room, and will be responsible for any damages that occurs. If you take something out, put it back where and how you found it. If you find something not working, let Mr. Petersen know right away before you are charged for its repair/replacement.



EQUIPMENT YOU WILL NEED

For this class, you will need the following:

- Notebook/binder for notes and handouts
- A Flash Drive/Thumb Drive is encouraged
- Headphones
- A Positive and creative attitude

TEXTBOOK

We will primarily use *Practical Recording Techniques*, 5th ed., by Bruce and Jenny Bartlett for our textbook. We will supplement or book will *Modern Recording Techniques*, by Huber and Runstein (which is a little thicker and a lot more complex) and other readings. Please take care of *Practical Recording Techniques* as it will be our every-day book – yes, it is a paperback, but replacements are \$75.00. It is suggested that you simply keep the book at home during the length of the class.

CLASSROOM PROCEDURES

The student:

- will arrive to class on time.
- will be prepared for class with all required materials, as well as any other materials deemed appropriate by the teacher.
- will respect the opinions, strengths, and weaknesses of everyone else in the room.
- will not use any computer or other equipment in the music suite unless given permission by the teacher.
- will not use iPods or other personal music players without the direct consent of the teacher.
- understands that gum, candy, food and drinks (other than water in a closable container) **ARE NEVER PERMITTED** in the Band Room. Nothing is **EVER** allowed in the Labs or by workstations.
- will follow any other rules deemed necessary by the teacher.

GRADES

Your grade will be based on total points from the following categories:

- Formative Assessments, including but not limited to:
 - Classwork collected for accuracy
 - Homework graded for accuracy
- Summative Assessments, including but not limited to:
 - Tests and Quizzes
 - Presentations
- Daily Participation
 - Being on task during class
 - Participating in discussions
 - Having required materials
- Projects
 - Completing required tasks on time
 - On group projects, working equally within the group
- Midterm/Final Exams

**CREDITS:**

Upon the successful completion of this class, students will earn 0.5 fine arts credits.

ASSIGNMENTS/HOMEWORK

Assignments are to be turned in on the day that they are due. (Please see below and consult your Student Handbook for information about excused absences and late work.) Students do not have the right to make up assignments missed due to unexcused tardies or absences. Each assignment must be handed in with your name, the name of the assignment, and the date. See below for Mr. Petersen's Late Work Policy. Assignments will only be accepted in Canvas, unless otherwise noted. *With Canvas, most assignments should be submitted online.*

Projects

This class will be a mixture of lectures and hand-on experience. We have tried to provide enough equipment so that as many people can be working at once as possible. Sometimes there will not be enough equipment for everyone to work by himself or herself. Therefore, all projects may be done in groups of two or three. Grades will be given out for the group, unless I see major differences in the amount of work put in. You will get written evaluations of every project with your individual or group's grade.



Projects will start off very being very simple - like recording various sounds - to complex-mixing songs, creating radio/podcast shows. Some projects might require you or your group to work on it outside of the class time. The Labs will/can be open before school, during lunch, or after school. Mr. Petersen can open it at other times if it is arranged beforehand. Some projects will require you to perform on a musical instrument (your voice counts) and read and write music notation. (Again, this is a required prerequisite for this course.

ASSESSMENTS

Assessments will vary, and may include, but are not limited to: Written tests/quizzes of both formative and summative nature, worksheets, classwork and other performance-based work, projects, cooperative learning, etc.

Late-Work Policy for Music Technology Classes: *Students are expected to turn in work on the date it is due. Any work that is not turned in when it is collected on that due date will be marked as a zero and missing in the grade book. Late work will be accepted until the end of the unit. Students may earn up to full-credit on work turned in late, but may not receive any feedback on their work. Assignments turned in after the end of the unit will be graded only at the teacher's discretion, and potentially not at all. Students are encouraged to contact teachers at least one day in advance with requests for extensions or accommodations. It is at the teacher's discretion of the student need for extension to provide these accommodations.*

CANVAS

We will use Canvas in this class for most assignments and assessments. Mr. Petersen will show the class how to log in. This is also where you will get handouts and feedback on/from your assignments. You are responsible for logging in on a consistent basis and checking the content. *Your grade in Canvas is NOT your course grade - please check Skyward for accurate Course Grades.*

Academic Imperative:

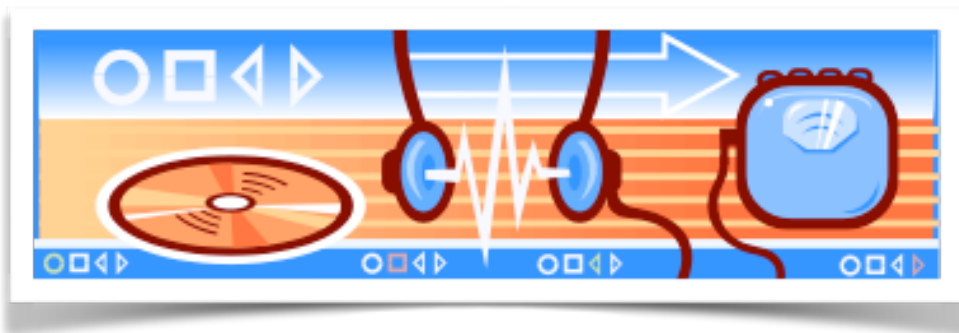
All students are expected to come to class prepared, actively participate and complete all assigned work on time.

1. Students with three missing grades or one failing grade on a major assignment/test in a class will be assigned a classroom detention. The purpose of the detention will be to complete the missing work and/or discuss ways to meet the academic expectations of the class.
2. The detention will be assigned by the teacher and served with the teacher.
3. The detention may take place before school, lunch, or after school and will last a minimum of 20 minutes.
4. Participation in extracurricular activities will not excuse a student from detention.
5. Students who fail to serve the detention will be given a warning and make-up date. Continued failure to serve will result in an office referral, which may lead to an ISS.
6. Parent contact will be made if a second detention is given from the same classroom teacher.
7. A parent conference will be held if a third detention is given from the same classroom teacher.

ACADEMIC INTEGRITY

There will be assignments in this class where you have the liberty to solicit feedback from your peers. However, there will also be assignments, quizzes, and tests that will be completed without any aid from your peers and/or the teacher. Additionally, discussing assignment materials with those who have not completed the assignment is strictly forbidden. Cheating will not be tolerated. When you turn in these assignments/quizzes/tests, by writing your name on your, you are also indicating you agree to the following pledge:

I pledge my honor that I have neither given nor received help on this assignment/examination, nor will I pass on information to others.



CLASS PARTICIPATION / DISCUSSION

Everyone in this class must do their part to keep up with your readings and actively participate in class discussions. You are expected to take an active roll in this class. Your contributions to our conversations, lectures and discussions will drive our class. Therefore, it is imperative that you stay up to date with your readings and your classwork, so that you are prepared to actively participate in our class. Everyone's thoughts are encouraged no matter what the topic, and everyone's thoughts will be respected. Your "class participation" grade will be based on how well you are actively engaged in the class.

TENTATIVE COURSE SCHEDULE

- I. The History of Recording and Music Technology
- II. The Recording Chain and the Components of a Studio
- III. Physics of Sound, Signals, and Studio Acoustics
- IV. The Mixing Board
- V. Monitoring / Speakers
- VI. Microphones
- VII. Microphone Techniques
- VIII. LOGIC
- IX. Effect Processors and Special Effects
- X. MIDI / Finale
- XI. Sampling
- XII. Recording Spoken Word
- XIII. Session Procedures & On-Location Recording



DEERFIELD MIDDLE/HIGH SCHOOL

Our Mission

**WORKING TOGETHER AS A COMMUNITY TO PREPARE
ALL STUDENTS FOR SUCCESS**

Our Vision

The middle/high school community will create a safe, supportive, respectful environment where all members are expected to engage in a learning process in which they are challenged to achieve their highest potential.



I have read the syllabus for the Music Technology class and understand the expectations set by it and Mr. Petersen.

Student Name (print): _____

Student Signature: _____

Parent/Guardian Name (print): _____

Parent/Guardian Signature: _____

Please list the best way to contact you if I have any questions/concerns about your student's progress in this class: _____

This signature form is your first assignment - it is due on the second day of class.