

Music Technology

Class Syllabus

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Class Objectives

- Develop the creation of music using digital technology
- Develop the editing or remixing of music using digital technology
- Develop the appreciation of music produced personally and by others
- Learn the equipment and components of music technology
- Experience music of different styles and genres of digital music

Class Contents

- Use the computer and software to create and edit music
- Learn about technology to enhance common musical instruments
- Learn how modern styles of music are created with technology
- Learn how to listen to music and evaluate its form and value

Class Materials

- All textbooks, materials, software and hardware are provided by the teacher
- Students will provide a notebook for class materials, writing instruments, a USB drive with at least 16 GBs, and USB headphones.

Course Schedule

The course will consist of these main sections:

- Class preliminaries: attendance and announcements
- Readings on course topics
- Quizzes and quarterly tests on readings
- Projects that reinforce the topics learned

Major Class Components

- Each topic of the class will start with a reading or video that presents the elements of the topic to be learned. There may be additional readings or videos assigned to watch outside of class that will enhance the class materials

- Each topic will be assessed by a quiz to see that the topic has been learned and retained. Each quiz score will be a component of the final grade given for the class. Most quizzes will be given through a digital platform. Quiz answers and results can be reviewed on the digital platform.
- Each topic will then have one to three projects assigned. These projects will give hands on experience to the topics presented. All software and websites will be provided for the completion of the projects. The assessments of the project will be provided at the end of each topic chapter.
- Each topic will be given one to three class periods to complete the assigned projects. Finally, there will be one class period devoted to sharing what the students have created or edited.
- At the end of each quarter, there will be a cumulative test over the material covered for that quarter. Usually, the questions will come from the class quizzes. However, there will be questions that require the students to synthesize or reflect on the material learned.

Expected Class Requirements

- Each student is expected to attend all classes and arrive on time. They are to sit at the computer assigned to them. They are required to use the assigned computer for class work and projects ONLY. They are to remain on the desktop screen of the computer until they are told to use the computer for their classwork or projects. Students will be expected to save their work on their own personal storage device or assigned server storage. Once their work is done, they are to return to the desktop screen and wait for further instructions.
- Each student is expected to create original work, not copies of another student's work. Any copied work submitted by a student will result in the failing grade of the work and disciplinary action. With the teacher's permission, the students can work on projects together. They will be graded on the combined project and the observed effort of each team member. At the teacher's discretion, each student could be required to give an evaluation of each team member's contribution to the combined project.
- When doing classwork or projects, there will be minimal talking between students. When the teacher calls the attention of the students to review a common problem, all students are expected to stop their work and listen to the explanation.

Classroom Software

The primary software used in this class is available and can be purchased at a small cost by the student to do work outside of class or at home. The two main software packages are Audacity and Mixcraft 7.0. Audacity is a free download available at <http://sourceforge.net/projects/audacity>. Mixcraft does require a license purchase before the software can be activated. It is available at <http://www.acoustica.com/mixcraft>.

There are some mobile versions of this type of software but it may be difficult to use the software as you do on a personal computer. Here is a link for audacity mobile, it does require a USB drive. <http://audacity.en.softonic.com/mac>

Assignments and Projects

Each assignment and/or project will be accompanied by a grading criteria with a specific due date. The points earned will be based on the grading criteria for the assignment or project.

Grading Categories and Weighting:

Projects	50%
Quarterly Tests	30%
Class Quizzes	20%

Grade Point Scale

A+	4.00	B-	2.70
A	3.75	C+	2.30
A-	3.50	C	2.00
B+	3.30	D	1.00
B	3.00	F	0

Performance Opportunities

If a student's work created in this class is of excellent quality and meets the Christian standards of appropriate music, a student may have an opportunity to play their music creation for a school program or assembly. The student would be responsible to work with the audio team to ensure that their creation is presented effectively. All work would need to be reviewed by the music teachers and administration of the school before the music is presented.

An electronic copy of the syllabus can be reviewed at www.gma.edu under the **Download** section of the website. It will also be available on the **Schoology** application that the students use for their classwork.

Please review it and sign this page as confirmation you agree to the syllabus of this class.

Printed name of student

Student Signature

Date

Parent Signature

Date

Teacher Signature

Date