**MUSIC TECHNOLOGY 1**

Ms. Rebecca Vanover

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Academic Year 2017-2018

Music Technology Lab

**COURSE DESCRIPTION**

Music Technology 1 includes the major computer based areas of Notation and Music Production, as well as non-computer based (stand-alone technologies) using electronic instruments, mixing desks and recording devices. Music Technology 1 covers the areas necessary for students to enjoy amateur music making and basic composition using technology. Every student brings unique and varied knowledge to the class; therefore, every student will be assessed and evaluated individually. Grades are not curved – this is not a race. Expectations for class work will be outlined and evaluated weekly.

**TECHNOLOGY 1 COMPETENCIES**

NOTATION SOFTWARE

Using Sibelius, students should be able to:

* Use notation software as a creative tool for basic composition.
* Understand basic music theory and its application within the notation process.
* Create a score for any musical ensemble or instrument.
* Enter notes using various approaches including: typing, mouse, MIDI entry, and real-time entry (including flexi time and click track).
* Edit scores.
* Transpose scores or sections of scores.
* Cut, copy and paste music.
* Add expression markings,
* Transpose scores or sections of scores.
* Extract parts.
* Create accompaniment tracks for use in live performance.
* Integrate notation files into word processing software.
* Demonstration relationships between symbol and sound.

MUSIC PRODUCTION

Using GarageBand, Ableton Live and Pro Tools, students should be able to:

* Record and edit music using music production software and hardware.
* Use sequencer software as a creative tool for basic composition.
* Understand the various processes and procedures used for recording and editing music, including sequencing, looping, signal processing and sound design.
* Understand the types of data (digital audio, MIDI) involved in music production.
* Store and convert digital audio and MIDI data into various audio formats.
* Record using microphones.
* Understand the different applications and capabilities of digital audio and MIDI data
* Use preset MIDI settings to recall and edit sound banks and patches.
* Enter notes in a MIDI sequence either one at a time (step time) or by performing (real time).
* Produce transcriptions in standard music notation.
* Integrate digital audio with MIDI data in the sequencer environment.
* Compress digital audio for data storage, email and online publishing.
* Demonstrate the ability to manipulate MIDI data and digital audio to reproduce externally what they hear internally.

ENDURING STUDENT UNDERSTANDING

* Students will demonstrate a comprehensive knowledge of the functionality of Sibelius and readily implement these functions in order to meet their compositional or notational needs.
* Students will demonstrate an understanding of notation conventions and be able to generate publisher quality work.
* Students will demonstrate a comprehensive knowledge of the functionality of GarageBand, Ableton Live, and Pro Tools and implement these skills through the production and publication of quality, original work.
* Students will demonstrate an understanding of the workflow of a project (pre-production, tracking, mixing, mastering, and postproduction) and adhere to these steps in their own projects.

**CLASSROOM EXPECTATIONS**

* Show respect for peers, teacher, and self.
* Be on time, on task, and stay in your seat.
* Have all required materials that are necessary for instruction.
* No food or drinks may be consumed while using any of the CHS computer labs.
* Students must use their login and password for access to computers.
* No access to personal email unless authorized by the classroom teacher or media specialist.
* No games or access to inappropriate Web sites are permitted.
* Files save to personal folders on the network must be for academic use only and backed up onto other devices to remain within the limits of the space allocated.
* All materials must be put away properly. Misuse of the equipment will result in a student obligation to replace the materials.

**MATERIALS**

* Folder for composition projects and class notes
* Loose leaf paper for shortcut notes
* Pencil

**CHS COMPUTER LAB POLICY**

Policy: CHS computer labs are to be used strictly for academic purposes only, and in accordance with the terms and conditions of the HCPSS policy 8080 for Acceptable Computer Use.

**ACADEMIC HONESTY**

Any work submitted should be your own work. Plagiarism and copying are not acceptable in Centennial High School, and will lead to disciplinary referral. The school’s policy on Academic Integrity is in your student handbook.

**DIGITAL TOOLS:**

Throughout the school year, our class will be using digital tools as part of our curriculum and instructional programming. This is in addition to our music production and notation software. When using any digital tool, students will learn about safe and effective practices for interacting online. HCPSS contracts with Essential Digital Tools used for instruction. For more information visit:<http://www.hcpss.org/digital-tools/>

In addition, our class will be using authorized Supplementary Digital Tools. To learn more about HCPSS authorized Supplementary Digital Tools and link to their terms of service and privacy policies, please visit: <http://www.hcpss.org/digital-tools/>

The Supplementary Digital Tools we will be using this year are listed below. If there is specific Supplementary Digital Tool that you do not want your child to use, please contact me and I will provide an alternative enrichment opportunity.

[www.remind.com](http://www.remind.com)

www.musictheory.net

[www.quizlet.com](http://www.quizlet.com)

**GRADING POLICY**

* Semester 1 will consist of 5 projects + Mid Term Exam. All projects are graded according to a detailed rubric that includes a technology skills component, a writing (reflection) component, and a presentation component. Each project is approximately 100 points.
* Semester 2 will consist of 5 projects + Mid Term Exam. All projects are graded according to a detailed rubric that includes a technology skills component, a writing (reflection) component, and a presentation component. Each project is approximately 100 points.

**MAKE-UP POLICY**

When you return to school from a legal absence, you will be permitted the same amount of time to complete assignments as the amount of time absent. It is your responsibility to see me regarding make-up work.

**CELL PHONE USE**

Cell phones are to be in “silent mode” during Music Technology class. All school policies and procedures for cell phone use apply.

**BEHAVIOR POLICY**

First offense: Warning

Second offense: Parent notification by teacher

Third offense: 30-minute teacher detention

Fourth offense and beyond: Office referral

Music Technology 1

I acknowledge that I have read and understand the Music Technology 1 syllabus.

Please sign this document and return by Friday, September 8, 2017.

STUDENT PARENT/GUARDIAN

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