Music Technology

High School Music Departments

Presented by: Todd Snyder

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2024-2025

Welcome to Music Technology

Vision and Goals

VISION: Empower students to explore music through technology in a modern, inclusive, and creative environment.

GOALS:

- **Introduce digital audio production tools**
- **Foster creativity and music literacy through technology**
- **Prepare students for post-secondary music tech pathways**

Course Overview

Topics We'll Be Covering This Year

Name: Music Technology

Grade Level- 9-12

Credits- ½ Fine or Vocational Arts

Duration: Semester

Prerequisites: None

UNITS COVERED

- DAW Basics (Soundtrap, Garage Band, etc.)
- Audio Recording and Editing
- MIDI and Virtual Instruments
- Sound Design
- Podcasting & Audio Storytelling
- Music for Film and Video Games

What To Expect

Lab Setup

- **Chromebooks**
- **USB MIDI Keyboards**
- **Headphones and Audio Interfaces**

Software

- **Soundtrap (cloud-based)**
- **Audacity/GarageBand/LogicPro**

Recording Gear

- Microphones
- Audio Interfaces
- Soundproofing Accessories

What To Expect

ASSESSMENTS

- Project Based- Beat making, remixing, scoring scenes, digital audio works
- Portfolio Submissions
- Peer Reviews and Reflection

Student Impact

Enrollment and Testimonials

- **Current Enrollment-** Lyman Hall- 7 students-- Sheehan- 19 students
- **Next Year-** Lyman Hall- 36 student requests   Sheehan- 28 student requests
- Student Testimonials:
- *"Music tech allows us to work creatively and really expand our musical sense, even if you start the class with no musical background. For me, it's helped me to gather a sense of sounds and my own personal musical style."-Megan Connors '25*
- *"As someone who has grown up loving music, this class was one of my favorites this year. I always wanted more experience in producing music/podcasts and this class did a great job. Having brand new equipment that we can have hands-on experience with made the class more enjoyable and made learning easier." - Jimmy W.*
- I joined this class because although im in band already, Im not the best with music theory, and I still wanted to make music! Being in music tech made it really easy to do so! I was able to easily make songs and recordings, which is something I never thought I would ever be able to do when I initially came in. I'm really happy that I did this class as it let me explore my passion for music in ways I never got to before. Sophie Diaz '25

Student Impact

Sample Work

Aldaine Brown-Lyman Hall 11th Grader-- "Twinkle Twinkle"

James Wood- Lyman Hall 11th Grader- Beat Loop

Gavin DelVecchio- Lyman Hall 12th Grader- Soundscape

Many Thanks to The WEF For Your Support!

Any Questions?