



Technology in the Music Classroom

Course Syllabus

Course Description

This course explores how technology can be used in the music classroom. Some examples will be focused specifically on how to engage student musicians with technology, while others will be designed to support working music teachers. Videos and articles will also be included to support the ever-growing field of music technology as it applies to the classroom. Lastly, learners will take a look at the next steps and careers in music technology.

This course enhances classroom teaching effectiveness and supports improved student outcomes by introducing new knowledge in integration of music technology to engage student musicians, with tools, trends, and resources that help educators create innovative, interactive, and future-ready music learning experiences.

Course Objectives

At the end of this course you should be able to:

1. Describe examples of music technology in the music classroom.
2. Identify areas where utilizing technology in your classroom may be beneficial.
3. Explore examples of student-supporting music technology (an assistant to the student musician).
4. Explore examples of teacher-supporting music technology (an assistant to the music teacher).
5. Identify music creation through music technology (composition and creation).
6. Apply organizational and assessment music technology in the classroom.
7. Identify emerging music technology (AI).
8. Explore how music technology can be applied beyond the classroom (careers).

Modules

- Module 1: Discovering Technology for the Music Classroom, Quiz 1
- Module 2: Applying Music Technology to the Classroom, Quiz 2
- Module 3: Music Technology that Supports the Music Student, Quiz 3
- Module 4: Music Technology that Supports the Music Teacher, Quiz 4
- Module 5: Using Music Technology to Create and Compose Music, Quiz 5
- Module 6: Using Music Technology for Assessment and Organization, Quiz 6
- Module 7: Learning about AI and Music Technology in Education, Quiz 7
- Module 8: Music Technology in Future Careers, Quiz 8

Grading

Each quiz must be passed at an 80% or higher (three attempts allowed).



Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course. There is an interactive forum in the course to help you connect with peers and instructors, share ideas, and collaborate on best practices throughout your learning journey.