

Audio Technology – Pro Tools 110

Content Area: **Performing Arts**
Course(s):
Time Period:
Length: **20 Weeks**
Status: **Published**

Standards

- 1.2 (Creation and Performance) All students will utilize those skills, media, methods, and technologies appropriate to each art form in the creation, performance, and presentation of dance, music, theater, and visual art.
- 1.3 (Elements and Principles) All students will demonstrate an understanding of the elements and principles of dance, music, theater, and visual art.
- 1.5 (History/Culture) All students will understand and analyze the role, development, and continuing influence of the arts in relation to world cultures, history, and society.

TECH.8.1.12.A.2 Produce and edit a multi-page digital document for a commercial or professional audience and present it to peers and/or professionals in that related area for review.

School Mission Statement

The mission of Charterschool is to provide artists the opportunity to blend principles of artistic expression with cutting-edge technology, so artists will excel in academic, career, and civic pursuits and contribute to the harmony and productivity of the 21st century.

Artistic integration: Performing arts will be accessible to all artists as a skill and content area and will serve as a vehicle for imparting, enlivening, and motivating excellence in all academic topics, as well as providing a platform for learning multicultural appreciation and empathy, not just tolerance.

Technological integration: Technology will serve as the foundation for instructional delivery systems leading to knowledge acquisition, concept understanding, and skill mastery in all academic subjects. Technology will not be studied as a separate entity but infused into the very fabric of educational pursuits, exactly as it occurs in the business world. Artists will be prepared to compete in the modern workplace or post-secondary institution.

"Education has always been torn between vocational and utilitarian purposes on one hand and creative and holistic purposes on the other... We are rapidly entering a world that is hard to imagine. By developing the problem-solving skills, creativity, and discipline required in the arts, artists can prepare for life in the 21st century."

From Understanding How the Arts Contribute to Excellent Education

National Endowment for the Arts, 1991

School Goals

Goals for Arts Education:

Artists will learn the knowledge, skills, and abilities necessary to turn their passions and gifts in the arts into vocations or serious avocations.

Objective 1: Each year, each artist will take two semesters (10 credits) of career-oriented training (80 minutes per day) in their artistic major.

Objective 2: Each marking period, each artist will perform or produce frequently, in diverse settings and for diverse audiences.

Objective 3: Artistic instruction will be integrated into the study of all academic subjects.

Objective 4: Each year, each artist will complete at least twenty after-school “lab” hours in their artistic major.

These will constitute career-oriented service to the school and/or community, and demonstrate accomplishment of the NJCCCS crosscutting workplace readiness standards.

Goal for Technology:

Chartertech will model the technology-intense workplace and artists will be able to compete successfully and perform well in a technology-intense workplace.

Objective 5: Each artist will routinely use technology in a workplace-like manner to acquire, analyze, communicate, and present information in every subject.

Objective 6: Each artist will have access to a computer every day, every class so that automated sources will be the main conduit for educational content.

Objective 7: All administrative and instructional functions of the school will be supported by the most modern technology available.

Goals for Academic Achievement:

Artists will apply themselves in the serious pursuit of knowledge and skills, especially skills in critical thinking, problem solving, decision making, and communication.

Objective 8: Each year, and to be promoted to the next grade each artist will pass five credits in English, Health, Social Studies, Science, Mathematics, and PE/Health. Between grades 9-12 artists will also complete 1 year of Spanish.

Objective 9: In each academic subject, each year, each artist will complete a significant project that involves critical thinking, problem solving, decision making, and communication skills, and which demonstrates cross-content workplace readiness skills.

Objective 10: Each year artists will develop a artist resume to guide his/her academic and artistic studies and to document his/her academic and artistic accomplishments. This work will be done under the mentorship of the faculty in the artist’s artistic major.

Objective 11: Academic instruction in all subjects will be highly cross-curricular, in accordance with curricula design and continuously improved by teachers, in compliance with the New Jersey Artist Learning Standards.

Course Description

Course Title:	Audio Technology- Pro Tools 110
Department:	Arts
Prerequisite:	Basic Computer skills. Successful completion of the Pro Tools 101 course.
Number of Credits:	5
Grade Level(s):	11-12
Standards:	Aligned to New Jersey Artist Learning Standards for Career Technical Education
Description of Course	<p>Pro Tools 110, Pro Tools Fundamentals II, expands upon the basic principles taught in PT 101 and introduces core concepts and skills artists need to operate a Pro Tools 12 system running mid-sized sessions with dozens of tracks. Avid's Pro Tools software, currently at version 12, is the international industry standard for audio recording and post production studios. As an Avid learning partner, "Pro Tools 110" is the official text for final step in procuring Avid's Pro Tools "User" industry certification. The Avid, Pro Tools certification could very well be the vehicle for an artist to obtain their dream job in the industry. In Pro Tools 110 an artist will learn the hands-on techniques used in the software and hardware to produce, edit, mix and master audio. Pro Tools 110 includes 10 lessons followed by exercises. This course must be taught by an Avid Certified Instructor. Pro Tools 110 will culminate with an online fifty question multiple choice exam. The exam must be proctored by the ACI. Upon passing the exam an artist will earn a Pro Tools "User" industry certification and can be added to the Avid database. This course also provides the foundation for later, post secondary 200-series Pro Tools courses offered in many colleges, universities and private vocational facilities.</p>

Overview & Pacing

Unit #	Major Content	Expected Time
Section 1	Getting to know Pro Tools	2 Weeks
Section 2	Managing Session Data and Media Files	2 Weeks
Section 3	Recording MIDI and Audio	2 Weeks
Section 4	Working with MIDI and Virtual Instruments	2 Weeks
Section 5	Working with Elastic Audio	2 Weeks
Section 6	Editing and Fine Tuning a	2 Weeks

	Performance	
Section 7	Additional Editing and Media Management	2 Weeks
Section 8	Basic Mixing and Signal Flow	2 Weeks
Section 9	Writing and Editing Automation	2 Weeks
Section 10	Using Advanced Mixing Techniques and Creating Final Media	2 Weeks