

AUDIO PRODUCTION (AUDP1-CE)

AUDP1-CE 9045 Ableton Live Intensive (0 Credits)

Ableton Live is a digital tool used for live performances, music composing, and arranging. DJs also use it as a mixing tool, because it offers a suite of controls for beat matching, cross-fading, and other effects. Ableton Live is a loop-based software music sequencer as well as a digital audio workstation. Through a series of lectures and exercises, students are introduced to the organization of the system, basic functions, and project views, including Arrangement and Session. Students create a final project incorporating clips, musical instruments, sound effects, or alternate audio elements.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9065 Introduction to Audio for Multimedia (0 Credits)

Gain a thorough introduction to the basic concepts and professional practices involved in audio production as it relates to the changing world of multimedia. Explore fundamental audio theory and principles, the inner workings of microphones, basic signal flow, and an introduction to audio production software for traditional recording. Topics include audio file formats, signal processing, and audio in podcasting. This course teaches you how to maximize audio capabilities for a website or online community and how to use audio tools to produce a personal, professional-quality podcast.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9071 Audio Recording (3.5 Credits)

Practice essential recording techniques for a variety of media projects, and get hands-on training that enables you to create professional-quality sound in different environments. Whether recording audio for a film, video, or new media production, explore strategies for capturing optimal sound. This course covers basic sonic principles along with audio acquisition equipment, including digital and analog recording devices. Learn techniques to record and mix narration, live action, and sound effects for documentaries and feature films. Lectures and demonstrations cover microphone patterns and placement, and the crucial relationships between sound, camera, and action.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9101 Post-Production Overview: Telling Stories with Sound or Visuals (2 Credits)

Digital content is everywhere you look. No matter the medium, there is a post-production process that takes your idea from a bunch of raw footage or audio to a polished finalized project. Podcasts and/or short videos usually have a team of people behind them to see it come to life. In many independent projects, that may be one single person. In this overview, we will go over the post-production process so you can have a better understanding of how to take your project to the next level.

We will discuss the different phases of post-production whether video or audio touching on things such as media formats, editorial systems, sound design, workflows, and deliverables. We will use an existing project to demonstrate the different phases, from the beginning of the post-production process to upload. We will discuss editorial feedback as a team, as well as how to set up your sessions for best work flow. Although we will use an existing session to demonstrate the process, students are encouraged to come with projects that are works in progress to help them workshop the next steps.

This course may be used to fulfill the requirements of the [Certificate in Podcasting and Multimedia Storytelling](https://www.sps.nyu.edu/professional-pathways/certificates/media-writing-and-communications/multimedia-and-podcasting.html), the [Certificate in Storytelling: Narrative Tools and Applications](https://www.sps.nyu.edu/professional-pathways/certificates/media-writing-and-communications/storytelling-narrative-tools-and-applications.html) or the [Certificate in TV and Film Producing](https://www.sps.nyu.edu/professional-pathways/certificates/media-writing-and-communications/tv-and-film-producing.html).

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9102 Audio Production and Sound Design (2 Credits)

This course is for people who want to learn audio mixing basics and turn creative ideas into engaging audio content for podcasting, radio and tv. Over eight weeks, you will learn the fundamentals of audio production from recording interviews on an iPhone to mixing audio on a Digital Audio Workstation (DAW). The course will cover production processes such as recording, editing and mixing audio as well as sound design. The course will also cover post production processes such as removing unwanted noise from audio and mastering audio for digital platforms.

This course may be used to fulfill the requirements of the [Certificate in Storytelling](https://www.sps.nyu.edu/professional-pathways/certificates/media-writing-and-communications/storytelling.html) or the [Certificate in Writing and Producing for Film & Television](https://www.sps.nyu.edu/professional-pathways/certificates/media-writing-and-communications/writing-and-producing-for-film-television.html). It may be taken to pursue these certificates, or as a standalone course. Questions? Contact us at The Center for Publishing and Applied Liberal Arts: Email sps.pala.ce@nyu.edu or call 212-998-7289.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9481 Audio Recording: Pro Tools (0 Credits)

From soundtrack and music production to multimedia and post-production applications, Pro Tools offers audio engineers the complete solution. The industry standard in digital audio, Pro Tools features high quality integrated digital recording, editing, processing, and mixing tools for high-end audio applications. Explore every phase of production, from input to final master. Learn to use Pro Tools for nondestructive recording and editing, digital mixing, processing, loop recording, fade-ins and fade-outs, playlists, and customization.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9482 Audio Production II: Pro Tools (0 Credits)

In this intermediate Pro Tools course, expand your skills and learn in depth about MIDI sequencing tools using the industry's leading software for sound mixing and editing. If you are interested in becoming a recording engineer or you want to learn Pro Tools for other applications; such as sound mixing for film or music creation; this course offers a solid next-level learning experience with the software that will improve your techniques. Topics include the process of importing video as QuickTime movies and synchronizing audio to on-screen video events. Master techniques for recording dialogues and Foley, and advance your audio processing, mixing, and mastering skills.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9491 Audio Industry (0 Credits)

Discover how various organizations employ audio, usually in conjunction with visual media, to help set the tone of a production. Examine the technical and logistical considerations involved. Get an inside look at how media producers, publishing companies, and performance rights societies all work together to incorporate audio material and music into today's media. Learn what must be taken into account in audio post-production supervision, including how to conduct research for audio material and music, clear licensing rights, and procure material. Find out how to leverage your skills into an exciting career, identify employment opportunities, and determine what it takes to break into the business.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9492 Sound Design (0 Credits)

Powerful sound design helps create a strong emotional effect on audiences by enhancing a motion project's pace, tone, and feel. Learn the basics of how to make convincing sound effects and tracks for a film, commercial, music video, industrial, or other multimedia project which will benefit from a compelling use of sound. Through the study of effects and Foley, gain a thorough understanding of what it takes to create a high-impact soundtrack. Use your knowledge of Pro Tools to give projects emphasis and punch, with sound.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9493 Reason: Electronic Music Production (0 Credits)

Propellerhead's Reason is a complete electronic music studio in one program, combining real-time and step-entry sequencers; subtractive, gaintable, and sample-playback synthesizers; a drum machine and loop player; a massive library of sounds; a built-in mixer; automation tools; and numerous signal processors. Students gain in-depth, hands-on experience with Reason and learn about MIDI essentials and the integration of Reason with Pro Tools, the industry-standard digital audio workstation.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

AUDP1-CE 9999 Audio for Multimedia and Podcasting (3 Credits)

Learn to create professional quality podcasts utilizing Pro Tools software and portable recording technology. Recording procedures and theory are covered, along with an introduction to navigating the Pro Tools software environment. You will be expected to create your own original podcast for the final class, which you will upload online. Audio on the Internet and its specifications will be discussed to provide a better understanding of how podcasts can be best formatted for online distribution.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes