

Music Technology: Areas of Study

Music Technology History

Musical Instruments

- mechanical and electronic technologies
- sound sources and controllers
- performance on stage and in the studio
- Musical Instrument Digital Interface

Computer Systems

- hardware (CPU, I/O devices, storage devices, etc.)
- productivity tools (text editor, spreadsheet, database, etc.)
- digital audio workstations (DAW)
- network productivity (email, web browsers, ftp, etc.)

Digital Audio

- hardware and software-based platforms
- digital media protocols and formats
- recording, editing, processing, and mastering

MIDI

- protocol and standards
- software and sequencing
- hardware and workstations

Music Notation

- pre-computer technologies
- coding systems
- WYSIWYG notation software
- publishing and distribution

Education/Learning

- instructional software for musicians
- accompaniment/practice tools
- internet-based research and learning

Distribution and Listening

- playback/listening devices
- file formats
- internet resources
- copyright issues and ethics