

# Basic Skills in Music Technology

The Technology Institute for Music Educators ([www.ti-me.org](http://www.ti-me.org)) has identified seven areas of competency in music technology that are directly applicable to music instruction in support of the National Standards for Arts Education. Rate yourself in each of these areas to see where you stand now and what you need to learn.

Score yourself on a scale from 1 to 5 -- the higher the number, the more you know about the given area

<b>Area</b>	<b>Skills</b>	<b>My Level (1 to 5)</b>
<b>Electronic Musical Instruments</b>	Music teachers need to know how MIDI connections are made among instruments, how to use MIDI in the classroom, and how to connect MIDI instruments with computers.	_____
<b>MIDI Sequencing</b>	Teachers should be able to enter notes in a MIDI sequence either one at a time (step-time) or by performing (real-time).	_____
<b>Music Notation Software</b>	Teachers should be able to enter and layout a complete score, create parts, and integrate notation files into word processing software for text handouts and exams.	_____
<b>Computer-Assisted Instruction</b>	Teachers should have a broad familiarity with available CAI software. They should understand how to install, use, and integrate these programs into their music curriculum taking full advantage of the record-keeping, evaluation, and instructional support CAI software provides.	_____
<b>Multimedia and Digitized Media</b>	Teachers must have a working knowledge of how computers process, store, and retrieve data from disk, and of the various file formats in which digital media can be stored. Teachers need to know how to use the various editing tools available for digital media and how to edit and process media file types.	_____
<b>Internet and Telecommunications</b>	Teachers need to understand the various protocols used in connecting computers to the Internet, how to share files between computers of varying platforms, and be able to effectively search for and retrieve information.	_____
<b>Information Processing, Computer Systems, and Lab Management</b>	Teachers should be able to install and run word processing programs and enter data, format pages, and print out reports. They can use these tools to manage class activities and lab systems.	_____