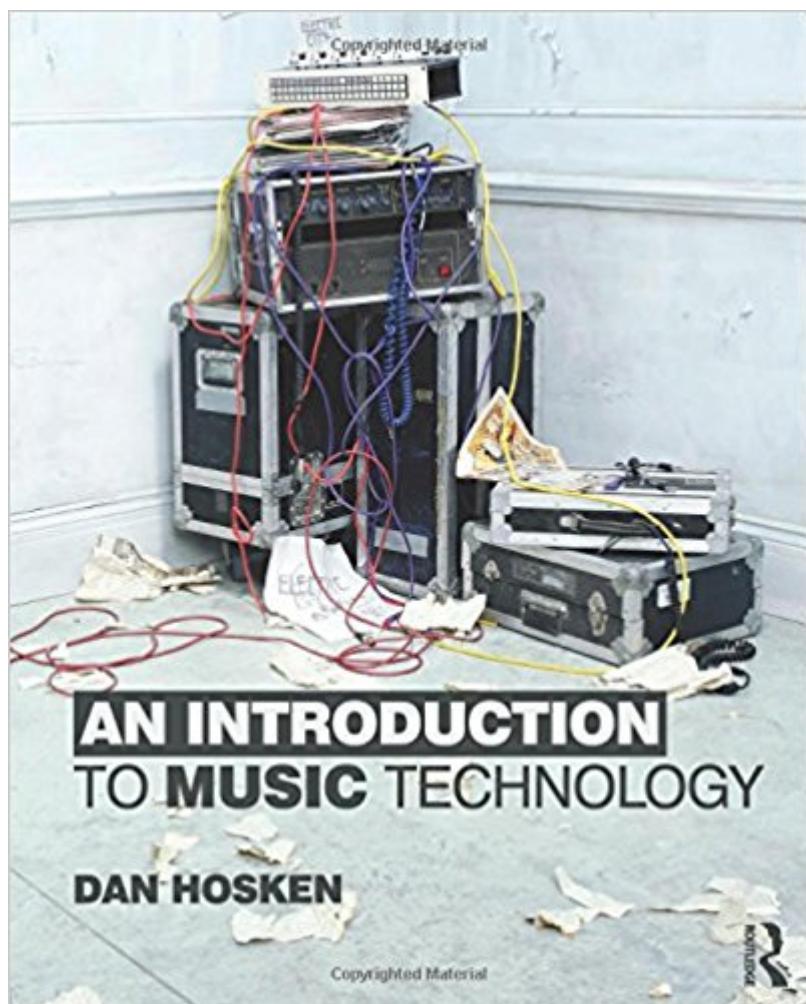


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# An Introduction To Music Technology



## Synopsis

An Introduction to Music Technology provides a clear and concise overview of the essential elements of music technology for today's musician. It is designed to provide music students with the background necessary to apply technology in their creating, teaching, and performing. This book focuses on five topics that underlie the hardware and software in use today: Sound, Audio, MIDI, Synthesis and Sampling, and Computer Notation and Computer-Assisted Instruction. In addition, there is an appendix that covers necessary computer hardware and software concepts. Features: Thorough explanations of key topics in music technology Content applicable to all software and hardware, not linked to just one piece of software or gear In-depth discussion of digital audio topics, such as sampling rates, resolutions, and file formats Explanations of standard audio plug-ins including dynamics processors, EQs, and delay-based effects Coverage of synthesis and sampling in software instruments Pedagogical features, including: Further Reading sections that allow the student to delve deeper into topics of interest "Suggested Activities that can be carried out with a variety of different programs " Key Terms at the end of each chapter " What do I need? chapters covering the types of hardware and software needed in order to put together Audio and MIDI systems " The companion website contains links to audio examples that demonstrate various concepts, step-by-step tutorials, relevant hardware, software, and additional audio and video resources.

## Book Information

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## Customer Reviews

I'm using Dan Hosken's book for my "Introduction to Music Technology" course in fall 2010 at the City University of New York, Brooklyn College. After much frustration with another text last spring, I was delighted to read Dan's book over the summer. He covers the crucial topics, including basics of acoustics/psychoacoustics, how computers function, digital audio, audio equipment, mixing/composing software, notation software, pedagogical software, sampling, and synthesis. He explains things clearly and includes plenty of figures and photos. My only criticism is that he spends much time on synthesis and sampling relative to what I cover in an introductory music technology course. I like both topics, but feel that the deeper discussion of them would be better placed in a book on composing computer music rather than an introductory class. Nevertheless, better too much than too little; and so this is a minor issue. I'm very happy with this book. P.S. I love the cover!

Easy to read, and very informative. I recommend this to anyone who at any point is using audio recording/editing software, instruments that require amplification, microphones, recording equipment of any sort, mixing boards...excellent for beginners.

Fascinating book brings music and physics together finally in the introductory chapters. Generally a good introduction to the field and great study accompaniment.

I am currently busy with my Bachelor's in Music and really enjoy this book. It is very detailed and clear. I am absolutely clueless about the topic, but am already learning so much and enjoy it immensely.

I got it for a sound tech class at Cal State University, Northridge. It's alright, not the best book on the subject. If you really wanted something to help you learn about music tech and recording I'd suggest "The Musician's Guide to Home Recording" by McLan and Wichman.

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