

CMP 2701

Song Demo Production

3 Credits

Prerequisite:

CMP 2803 Midi Recording

Students learn the necessary techniques to utilize current MIDI and audio technology in the production of professional quality song demos. MIDI, SYMPTE, synthesis, recording, mixing, and sound processing. Students will schedule weekly hands-on time in the MIDI lab.

CMP 2801

Computer for Musicians

3 Credits

Introduction to the fundamentals of music technology. An overview of all aspects of the current technology with an emphasis on preparing students to evaluate their own future technological needs.

CMP 2802

Technology Tools For Songwriter

3 Credits

Prerequisite:

CMP 2801 Computer For Musicians

Skills and concepts necessary for effective use of computer-based music workstations. The course will cover topics necessary for effective sequencing and recording, including: use of a computer, synthesizers, MIDI, and basic audio theory, equipment, and technology. Students will schedule weekly hands-on time in the MIDI lab.

CMP 2803	Midi Recording	3 Credits
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Prerequisite:	CMP 2802 Technology Tools For The Songwriter
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A comprehensive study of the Musical Instrument Digital Interface(MIDI) and it's many applications, with an emphasis on sequencing. Synchronization to film, video, and other devices. Students will use computer-based workstations to complete a wide variety of musical projects

CMP 2804	Music Production Using Midi	3 Credits
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Prerequisite:	CMP 2701 Song Demo Production
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Survey of a wide variety of production styles, from the evolution of multi-track to contemporary recording. Analysis of production values as they relate to song or composition choice, instrumentation, and arrangement. Technical considerations relative to the production process, including :recording technique, signal processing, special effects, and mixing methods. In- class critical listening.

CMP 2806	Programmable Synthesis	2 credits
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A course Focusing on issues Related to synthesizer Architecture, Patch Programming/Editing, and Functionality within the MIDI Production Environment. A Variety of Synthesizer Technologies will be Addressed including FM, sampling, Hybrid and Software-Based Synthesis.