



MUS421–571.1
Electroacoustic Music Composition

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MIDI

- **Sampler**
 - Instead of generating sounds like synthesizer, it plays back recorded sounds
 - Fairlight CMI (Computer Music Instrument) 1979
- **Musical Instrument Digital Interface**
- **Playing a note generates digital signal**
 - Parameters may include pitch, velocity, volume, panning, cues, clock signals (for synchronization)
 - Up to 128 separate programs or “patches”
- **Standardized in 1983**

MIDI

- Mid-1980s: People begin writing software to control MIDI instruments
- 1985: Macintosh personal computer
 - First version of ProTools
 - IRCAM LISP programming language
- New possibilities for controllers of all sorts

Yamaha DX7



EWI (Electronic Wind Instrument)



Laetitia Sonami – *Lady Glove*



Pamela Z

