

# Recent Announcements

[View Progress](#)



## ▼ Schedule



[Schedule](#)

## ▼ Getting Started



[Welcome](#)



[Panoramic picture from first day of class](#)



[pretest.pdf](#)

## ▶ Specifications Grading and Tokens

## ▼ Module One: Digital audio and musique concrète



[PROJECT 1](#)



Jan 30 | 1 pts



**Source sounds we recorded in class**



**Spring 2020 portfolios**



**Spring 2019 portfolios**



**Acoustic diagrams**



**Signal flow: pressure wave to brain**



**Homework for Thursday, Jan 9**



**Thursday's lab - Jan 9**



**Tutorial on how to record and backup a source sound for your musique concrète étude.pdf**



**Homework for Tuesday, Jan 14**



**Tuesday's lab - Jan 14**



**Duets**



**Lab for Tuesday, January 21**



**Lab for Thursday, January 23**

 Curious?


 average ratings for Project 1


▼ **Module Two: Sequencing and Expression**

 **PROJECT 2**  
Feb 27 | 1 pts

 **LOGIC**

 **Tuesday's Lab: Record Stand By Me in Logic**

 **Score for "Stand By Me"**  
(<https://www.noteflight.com/scores/view/859397f2d547bc1c2d0423738971d46f5dc697ca>)

 **There's a Logic file with the instrument setups in Project 2 Box folder**  
(<https://ballstate.box.com/s/7w46x8lrxxsztwonnv4gps3voicxcnxsj>)

 **Reading to prepare for class on Thursday, Feb 6**

 **Expression: Clara Rockmore**

 **Expression: Jan Hammer**

 [What does a synthesizer do?](#)

 [The first synthesizers](#)

 [What's an oscillator?](#)

 [What is a low frequency oscillator?](#)

 [What is MIDI?](#)

 [Herbie Hancock: Watermelon Man](#)

 [Pop Quiz on Expression](#)

 [Add expression to this melody](#)

 [expression tutorial.pdf](#)

 [Tuesday's Lab I Want To Hold Your hand](#)

 [I Want To Hold Your Hand lab logic file](#)

 [Things to talk about Tuesday lab](#)


 [MIDI Editing Lab - Thursday](#)


 [MIDI Editing logic session](#)

 Watch these videos before class on Thursday, Feb. 18

 Read this about subtractive synthesis before class on Thursday, Feb 18

 Dynamic spectra [\\_\(https://www.youtube.com/watch?v=FaH82FUpgKg\)](https://www.youtube.com/watch?v=FaH82FUpgKg)

 Effect on the spectrum of adjusting the cutoff frequency  
[\\_\(https://youtu.be/BW\\_AW7wtmeI\)](https://youtu.be/BW_AW7wtmeI)


 The attack part of the ADSR envelope  
[\\_\(https://youtu.be/L6O5JdERTYU\)](https://youtu.be/L6O5JdERTYU)

 Decay [\\_\(https://youtu.be/z34YqQiMiSs\)](https://youtu.be/z34YqQiMiSs)

 Sustain [\\_\(https://youtu.be/2Ay9S6NmWQo\)](https://youtu.be/2Ay9S6NmWQo)

 Release [\\_\(https://youtu.be/1CdlcM-IXMk\)](https://youtu.be/1CdlcM-IXMk)

 Chameleon lab instructions

 Chameleon MIDI editing lab Logic session  
[\\_\(https://ballstate.box.com/s/on1kbpedw49h4wxa8b7nztqlod4w3eej\)](https://ballstate.box.com/s/on1kbpedw49h4wxa8b7nztqlod4w3eej)

 Chameleon mixing lab Logic session

 Signal flow: Aux send/return



[Info on compression parameters](#)



[Turning up soft parts in a compressor](#)



[What to discuss in mixing lab](#)



[Week 8](#)



[New Music Festival schedule](#)



[Curious?-2](#)



[Hammond B3 sounds and settings](#)



[PRO TOOLS FIRST](#)



[How to record with Xpand.pdf in Protools First](#)



[Mixing lab Thursday Feb 20](#)



[Feedback on Project 2](#)

## ▼ Module Three: Online Notation



[PROJECT 3](#)

Mar 31 | 1 pts

 [Hidden plan](#)

 [Getting Started With the Score Editor](#)

 [How to make a lead sheet in Noteflight](#)


 [Blowing in the Wind with chord symbols and lyrics in Noteflight](#)

 [Blowin' in the Wind chord symbols and lyrics as PDF](#)

 [How to divide words in Noteflight](#)

 [Noteflight to Logic Tutorial.pdf](#)

 [Tuesday, March 17](#)

 [Melody to On Top of Old Smokey](#)  
<https://www.noteflight.com/scores/view/754d4602e8dc2966ac419e80cc92f3ee2c2e8e83>

 [On Top Of Old Smokey with room for accompaniment](#)

 [Tuesday, March 24](#)

 [Feedback on Project 3 last year](#)

▼ **Module IV: Music Video**



**PROJECT 4**

Apr 30 | 1 pts



**Tuesday, April 2 lab: Video editing exercise**



**Shotcut Lab.pdf**



**Shotcut video editing software**



**Export of Shotcut project** [\\_\(https://youtu.be/nV4MzC8tXis\)](https://youtu.be/nV4MzC8tXis)



**Shotcut manual**



**Free movie footage**



**Analyze School of Music video streaming**  
[\(https://sites.bsu.edu/musiclive/\)](https://sites.bsu.edu/musiclive/)



**Video Direction as an Application of the Study of Music**



**Class presentations of favorite music videos**



**Thursday, April 16 lab: Shotcut #2**



**Shotcut Tutorial - Special Effects.pdf**

**[Link to shotcut files for Lab #2](#)**







<https://ballstate.box.com/s/x08p2rabq3dj4efwr6jv88nrqct1xssj>



[Example of how your Lab #2 might end up looking like](#)

<https://youtu.be/Fqw1vD7bmis>

[Feedback on Project 4](#)



<https://docs.google.com/forms/d/e/1FAIpQLSewRt7g2NzLBPeRwDyjTr1K850N8nwVjuZj4nZaQe7i9YqKSQ/viewform>

▶ **MUST 121 Class Concert**

▶ **Software and hardware help**

▶ **Listening**

▼ **Videos**



[Étude aux chemins de fer](#)



[Jean-Claude Risset - Music is meant to be heard](#)



[John Cage about Silence](#)

[Some early analog synths](#)

 [Moog \(2004\)](#)

 [Clara Rockmore plays "The Swan" on the Theremin](#)

 [Interview with Clara Rockmore and Robert Moog](#)

 [Moog](#)

 [Analog synthesis documentary](#)

 [Laurie Anderson: Home of the Brave](#)

 [Music Videos for Last Module](#)

 [Anna Sun, by Walk the Moon](#)

 [The Sound](#)

 [Sucker Punch](#)

 [That's How It Goes, by Robert Willey](#)

 [Peyton Cox: VR piece](#)

 [When I Get Home I'm Gonna Be Satisfied - Gospel trio](#)

 [Goodbye Blue Sky - Pink Floyd](#)

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 [Levels of Concern - 21 Pilots](#)

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 [The Maker](#)

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▼ Readings

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 [Glossaries](#)

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 [The Liberation of Sound, by Edgard Varese](#)

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 [The Future of Music - John Cage.pdf](#)

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 [Quotes from John Cage](#)

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 [Introduction to Musique concrète](#)

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 [Books](#)

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 [Information on Digital Audio](#)

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