

Daily Schedule
Subject to Change

Updated: 9/10/19

	Date	Topic	Assignment
1	Friday, Aug. 23	Course Introduction	Read Syllabus
2	Mon., Aug. 26	Studio Introduction	Read Studio B Policies
INTERACTIVE MUSICAL PROGRAMMING			
3	Wed., Aug. 28	Introduction to Max	Learning Max Read <i>Max Getting Started</i>
4	Fri., Aug. 30		
	Mon., Sept 2	<i>Labor Day</i>	
5	Wed., Sept. 4	Introduction to MIDI	Learning MIDI Read Kim 2006, <i>How MIDI Models Performances, Adding Expressivity & Programs & Banks</i>
6	Fri., Sept. 6		
7	Mon., Sept 9		
8	Wed., Sept. 11	Max Programming	Learning Max: Programs for Study
9	Fri, Sept. 13		
10	Mon, Sept. 16		
11	Wed., Sept. 18		
12	Fri., Sept. 20		
13	Mon., Sept. 23		
14	Wed., Sept. 25		
DSP & SYNTHESIS			
15	Fri, Sept. 27	Introduction to MSP	Learning MSP Read C74, <i>How MSP Works & How Digital Audio Works</i> Read <i>Music and Computers</i> , Ch. 1-2 - MSP Basics Tutorials 1-3
16	Mon., Sept. 30		
17	Wed., Oct. 2		
18	Fri., Oct. 4		
19	Mon., Oct. 7	Fourier Theory	- Beats & Classic Waveshapes
20	Wed., Oct. 9	Additive Synthesis	- MSP Synthesis Tutorial 1
	Fri., Oct. 11	<i>Fall Break</i>	
21	Mon., Oct. 14	Amplitude Modulation	- MSP Synthesis Tutorials 2-3
22	Wed., Oct. 16	Frequency Modulation	- MSP Synthesis Tutorials 4-5
23	Fri., Oct. 18	MSP Wrap-up Day	See Learning MSP: Programs for Study
NOTATION			
24	Mon., Oct. 21	Tools for Notation	Learning Notation
SEQUENCING, SAMPLING & MIXING			
25	Wed., Oct. 23	Introduction to Reason - Redrum	EXAM 2: How Digital Audio Works & MSP
26	Fri., Oct. 25		
27	Mon., Oct. 28	PROJECT 2 PRESENTATION DAY	
28	Wed., Oct. 30	- Rack/Sequencer/Mixer - Devices - MIDI Editing - Effects - Mixing/Mastering - Automation	Learning Reason Read <i>Music and Computers</i> , Ch. 3-4
29	Fri., Nov. 1		
30	Mon., Nov. 4		
31	Wed., Nov. 6		
32	Fri., Nov. 8		
33	Mon., Nov. 11		
34	Wed., Nov. 13		
35	Fri., Nov. 15	PROJECT 3 PRESENTATION DAY	

BAIN MUSC 336
Introduction to Computer Music

	Date	Topic	Assignment
36	Mon., Nov. 18	Introduction to Sound Editing & Transformation	Learning Audacity Read <i>Music & Computers</i> , Ch. 5
SOUND EDITING & TRANSFORMATION			
37	Mon., Nov. 20		
38	Wed., Nov. 22		
39	Mon., Nov. 25		
	Wed., Nov. 27 Fri., Nov. 29		
40	Mon., Dec. 2		
41	Wed., Dec. 4	PROJECT 4 PRESENTATION DAYS 1 & 2	EXAM 3: Reason, Audacity & <i>Music & Computers</i> , Ch. 4-5
42	Fri., Dec. 6		

Project 5 and Exam 3 are due:
 Fri., Dec. 13, at 3 pm

References

Burk, Phil, Larry Polansky, Douglas Repetto, Mary Roberts and Dan Rockmore. 2011. *Music and Computers: A Theoretical and Historical Approach*, Archival Version. Hannover, NH. Available online at: <<http://cmc.music.columbia.edu/MusicAndComputers/>>.

Cycling '74, *Max 8 Documentation*. 2018. Available online at: <<https://docs.cycling74.com/max8/>>.

Kirn, Peter. 2006. *Real World Digital Audio*. Berkeley: Peachpit Press.