

Syllabus MuCT 345: Survey of Music Technology (Spring Semester 2006)

College of Musical Arts, Bowling Green State University

Meeting time: Tuesday & Thursday 11:00 a.m. - 12:15 p.m.

Location: Moore Musical Arts Center, Room 2102

Credits: 3

Final: Tuesday, May 2 10:45 a.m. - 12:45 p.m.

Instructor: Dr. Andrea L. Reinkemeyer

Office Hour: T.B.A. or by appointment

Office: MMAC 2013 **Phone:** (419) 372-2866

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OBJECTIVE:

Students enrolled in Survey of Music Technology will investigate the ways in which technology has affected music over the past 50 years. Additional areas of focus will be the present-day use of technology as it pertains to audio production, the Internet, and movies. Students will demonstrate their understanding of the course material through the completion of assignments (reading, listening and written), attending required concert events, and taking mid-term and final examinations.

REQUIRED TEXTS:

Thom Holmes. *Electronic and Experimental Music*, Second Edition.

Albin J. Zak, III. *The Poetics of Rock: Cutting Tracks, Making Records*.

ADDITIONAL MATERIALS: will be handed out during class, on reserve at the library, or on our Blackboard space.

GRADING: Your final grade will be determined as follows:

Category	Percentage	Points	Scale
Technology in Music Projects (100 points each)	25%	400	A = 90-100%
Small assignments	5%	80	B = 80-89%
Midterm examination	20%	320	C = 70-79%
Final Project	20%	320	D = 60-69%
Final examination	20%	320	F = 0-59%
Participation/Course Attendance/Concert Attendance	10%	160 (50/60/50)	

DESCRIPTION OF ASSIGNMENTS:

Small assignments and exercises: will be given at the discretion of the professor.

Technology in music projects: You will have 5 decade projects that will examine how technology is used in popular music in the following decades: 1960s, '70s, '80s, '90s, and 2000-present. These projects will be described in more detail on the assignment handout.

CONCERT ATTENDANCE: attending concerts is an important part of your music education; you are required to attend three (3) BGSU concerts that are related to electronic music composition during the spring semester (2/1 and 4/17 are required, you may choose one of the other three concerts listed below to fulfill this requirement). Please plan ahead and make any necessary arrangements in your schedule to accommodate this. The date you received this syllabus (Tuesday, January 10) provides you with plenty of time to make necessary arrangements in your work schedule to attend these concerts.

Please write up each concert by making three astute comments about each piece on the program (i.e. "I didn't like this piece" does not merit an astute comment; you must talk about the music and back up your statements with examples from the pieces). Turn your program in with your write-up.

CONCERT DATES: All concerts are at 8 p.m. and in Bryan Recital Hall (* = required).

2/1 Faculty Composers' Forum. *

2/27 **Music at the Forefront:** duo runedako featuring Daniel Koppelman and Ruth Neville, piano.

4/10 **Music at the Forefront:** John Cheek, piano.

4/11 **New Music Ensemble.** Kobacker Hall.

4/17 **Digital Arts Concert Series (DACS):** Mark Applebaum, electroacoustic music. *

The Calendar of Events for The College of Musical Arts may be found here:

<http://www.bgsu.edu/colleges/music/events/calendar.html>

ATTENDANCE POLICY: Class attendance and participation is mandatory. Students who must miss class for any reason should contact the instructor 24 hours prior to class when possible, leaving a message at (419) 372-2866 or emailing randrea@bgsu.edu. In the case of serious illness, course assignments and reading may be made up without penalty. Students who are absent for three class sessions or more may be docked one letter grade. BGSU attendance policy - <http://www.bgsu.edu/offices/sa/judicial/policies.html#ClassAttendance>

AMERICANS WITH DISABILITIES ACT: The BGSU College of Musical Arts complies with the Americans with Disabilities Act in making reasonable accommodation for qualified students with disabilities. If you have an established disability as defined in the Americans with Disabilities Act, I am more than willing to work with and accommodate you.

CHEATING: will not be tolerated in this course. This includes collaboration on any outside assignments that might be made on an individual basis for a grade (homework assignments and the preparation of class materials for submission). It also includes **plagiarism**, including the appropriation of words, concepts, compositions, sounds, or portions of pieces belonging to other composers.

Please note: This syllabus is subject to change. Any changes will be announced in class or on the Blackboard page for this class.

MUCT 345 - Spring 2006
Weekly Timetable

DATE	ACTIVITY	HOLMES	ZAK	OTHER	DUE
1/10	Course introduction, information, and syllabus. What is electronic music?				
1/12	The ear, how we hear Sound and how it propagates	Intro, 1-2		website	
1/17	Analog, digital, synthesized sound types		Intro, 1		
1/19	CD, DVD, MP3, audio formats & players		2		
1/24	History of audio technology (1900-1959)	4-5	3		
1/26	The 1960s - Instruments and techniques	7-8	4		
1/31	1960s music - class presentations (Group A)				'60s essay & list
2/2	1960s music - class presentations (Group B)				
2/7	1970s - Instruments, techniques; Setting up sound systems		5		
2/9	1970s music - class presentations (Group B)				'70s essay & list
2/14	1970s music - class presentations (Group A)				
2/16	What is MIDI? (The 1980s)			TBA	
2/21	1980s music - class presentations (Group A)	10			'80s essay & list
2/23	1980s music - class presentations (Group B)				List of MIDI file sites
2/28	Midterm Review				
3/2	Midterm exam				
3/7	Spring Break				
3/9	Spring Break				
3/14	How computers work with audio				
3/16	The 1990s - Instruments and techniques	11			
3/21	1990s music - class presentations (Group B)				'90s essay & list
3/23	1990s music - class presentations (Group A)				
3/28	History of audio in the movies				
3/30	Dolby, DTS, THX, surround sound				
4/4	Dolby cont. (Possible field trip to union theater?)				
4/6	Music of today - Instruments and techniques Audio CDs, DVDs, and MP3 technology revisited	12	6		
4/11	Music of today - video				Current essay & list
4/13	Music of today - video				
4/18	Appropriation, copyright, fair use				
4/20	Audio for gaming				
4/25	T.B.A.				
4/27	Final exam review				Final project due
5/2	Final Exam - 10:45 a.m. to 12:45 p.m.				