Performance Technology Workshop
TECH 204
Spring 2015

Course Information
- Time & Location : Tue/Thu 1:30-2:45PM @ TIMARA Studio
- Instructor : Joo Won Park
- Email : joo.won.park@oberlin.edu
- Phone : 440-775-8232
- Office Hours : Mon/Tue/Wed/Thu 10-11AM & by appointment

Overview
Many of the current music technology tools are optimized for live performance and sound art. We will use these tools to compose, analyze, and perform electronic music for both acoustic and electronic instruments. We will create different styles of real-time electroacoustic music, but application and combination of other genres are welcomed. Students are expected to complete weekly assignment and a final project (a concert or album).

Required Materials & Skills
- DAW: I expect you to be proficient at an audio editing and mixing program
- Synthesis/DSP Tools: I assume that you used programs that can customize and manipulate audio signals (eg: Max/MSP, Csound, Pd, SuperCollider, etc)
- USB or Portable HD
- Access to TIMARA server's Tech204 folder and Blackboard
- Access to a recording device

Expectations
- Come to every classes with open mind and open ears. Be ready to participate in various exercises and discussions.
- If you miss more than 3 classes without proper excuses, your attendance point will be 0. If you have more than 3 unexcused tardies, your attendance point will be 0. If you miss more than 6 classes, excused or unexcused, you will not be able to pass the class.
- If an emergency or sickness prevents you from coming to the class, please contact me as soon as possible. If you have an incident that prevents you from coming to two consecutive classes, bring proper documentations (doctor's notes, official letter from x, etc)
- You are responsible for all material covered in the class regardless of your attendance record. Please come to my office hour if you need a help in catching up. Late assignments are not accepted.
- Plagiarism and other means of academic dishonor are prohibited. Please refer to Oberlin Honor Code for details at http://new.oberlin.edu/conservatory/academic-resources-and-support/honor-code.dot
- Check your Oberlin email account for updates and notifications. I can be reached much easier by email than phone. Email submission of your work is not valid unless you receive a confirmation reply from me. If you do not receive a reply from me within three days, please resend the email.

Accommodations for Students with Disabilities
Students requesting classroom accommodation should contact Office of Disability Services. Please refer to http://new.oberlin.edu/conservatory/academic-resources-and-support/disability-services.dot for details.

Grading

A+	A	A-	B+	B	B-	C+	C	C-	D	F	W
100-97	96-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-60	59-0	NA

- Class Attendance : 10%
- Annotated Listening/Reading Report : 20%
- Composition/Performance Projects : 40%
- Performance of a live electronic music repertoire: 10%
- Final Project: 20%

Annotated Listening/Reading List : I would like you to submit two lists, one before the Fall Recess, and another before the finals week.

Composition/Performance Projects : I will assign total of 6 short projects, but you are required to do **4** of them. Unless noted, each project is due in two weeks.

Performance of a Live Electronic Music Repertoire : You will practice and perform one electronic piece written by people other than your colleagues.

Final Project : compose and/or perform an original live electronic piece

Semester Schedule

- February

        Week 1 : Introduction & Review of Acoustics (Project #1)

        Week 2 : Application of acoustic principles to electronic music

        Week 3 : Electronic extension of an acoustic instrument (Project #2)

        Week 4 : Composition for solo instrument and electronics

- March

        Week 5 : Notation for electroacoustic music

        Week 6 : Electronic accompaniment of an acoustic instrument (Project #3)

        Week 7 : Composition for ensemble and electronics

                Annotated Listening/Reading Report #1 <u>Due</u>

        Week 8 : No class (Spring Recess)

        Week 9 : Composition for electronic instruments (Project #4)

- April

        Week 10 : Performance art and Improvisation (Project #5)

        Week 11 : Sound Art (Project #6)

        Week 12 : Live Electronic Music Repertoire Presentation

        Week 13 : Live Electronic Music Repertoire Presentation (Final Project Assigned)

- May

        Week 14 : Make up classes or special topics

                Annotated Listening/Reading Report #2 <u>Due</u>

        Week 15 : Final Exam Week