



## MIDI 2 - Northwest Spring Branch Campus

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### **MUSC 1332**

Fall 2017

Spring Branch Campus- Room 416/7

M/W, 6-8pm

14 weeks

**Prof. David Sharma;** [david.sharma@hccs.edu](mailto:david.sharma@hccs.edu);

<https://learning.hccs.edu/faculty/david.sharma>

**Office hours by appointment.** Let me know when you need help, do not be shy!

### **Course Description & Goals**

Development of sound, music, workflow and professional skills as pertaining to sequencing music in Logic Pro X. We will deepen our knowledge of the tools that are available and what can be accomplished in Logic Pro X; we'll investigate how to work with other DAW's (ie, Reason) via ReWire, how to interface with hardware instruments, and learn how to record vocals and instruments into Logic Pro X, We'll introduce working with video, and explore NI Maschine, which bridges the gap between hardware and software.

ALL audio students enrolled for fall 2017 are required to complete online lab training in room PAC422; dates are: Friday, 9/22; 1pm, 7pm and Saturday, 9/23; 1pm, 7pm.

### **Exams/Grades/EGLS3**

Exam dates TBD; there will be a midterm and a final.

Attendance: 10% of your grade (come to class!)

Homework & Labs: 50% of your grade

Quizzes, Mid-Term, and Final Exam: 40% of your grade

Work turned in late will have 11 points automatically taken off for each day past the due date. Work will not be accepted after 1 week's lateness.

Students will be asked to participate in the online survey EGLS3. 5 points will be added to your score if you show proof of participation.

**Textbook**

None; some readings to be assigned; materials will be emailed or copied.

**Required Instructional materials**

1. Pocket USB Flash Drive (1 GB minimum)
2. Notebook for notes
3. Stereo headphones with 1/8" plugs

**Prerequisites**

Fluency with email, file transfers, and Mac OS X. Student **MUST** take and pass MIDI1 prior to taking this course.

**Student Learning Outcomes in Logic Pro X:**

1. Working with and producing music; Automation and mix strategies; Using and recording external synths; Using Reason and ReWire; using MIDI controllers; Recording live performances; Creating elements (loops, ESX samples, kits/sample banks); Advanced Work with Ultrabeat; Beat mapping; Syncing video in Logic; Further softsynth development (ex. ES2); Using NI Maschine with Logic Pro.

**Students will**

**Understand and apply** advanced concepts and techniques of **sound, music, and workflow** to create full-length compositions; these will incorporate various aspects of MIDI, using Logic Pro, Reason, Maschine, and external synths. Students will **learn** the techniques of applying these skills in a professional recording / producing environment.

**SCANS or Core Curriculum Statement and Other Standards** The following workplace competencies and foundation skills have been designed into this course curriculum.

1. Participating as a team member in a music production environment.
2. Mastering marketable skills producing and creating music in a DAW (Digital Audio Workstation) along with outboard gear.

## 14 WEEK CALENDAR

### WEEK 1: INTRO, BEST PRACTICES

Introduction to class & expectations; orientation details if available. Questionnaires. Mac OS X, file organization; refreshers Logic Pro X, MIDI, Apple Loops, signal flow, synthesis. How to submit homework; naming conventions. Demo song.

**Week 2: FUNDAMENTALS; MUSIC: STRUCTURE & RHYTHM:** break down a popular song and see what the drums do; go into Ultrabeat. **WORKFLOW & SOUND:** strip silence. Review Sends, busses, aux, etc. Ultrabeat (Project 1) assigned

**Week 3: SOUND & MUSIC: DRUMS INSPIRATION:** Live drums; introduce recording ideas; EXS24 review.

**Week 4: LOGIC TOOLS** Project 1 (Ultrabeat) due; in-class review. Found sound with EXS24; Arpeggiator. Project 2 (Arpeggiator and EXS24) assigned.

Week 5: **MUSIC: CREATION** Arpeggiator (Project 2) due; review using Apple loops; creating loops with Logic synths & plugins..

Week 6: **SOUND--NEW TOOLS:** Reason / Rewire; project 3 (Reason) assigned.

Week 7: Project 3 due;

Week 8: review; Mid term (hands on).

Week 9: Midterm review; mixing review; compression, side-chain compression. Recording into Logic (Room 416) ; Hand out Project 4

Week 10: Using & recording external synths with Logic (Room 416) ; intro to maschine

Week 11: Project 4 due ; More Maschine, project 5 (maschine) handed out.

Week 12: project 5 due; Intro scoring to picture; Assign final project

Week 13: Stems, answer questions; Wednesday, final projects due, in-clas critique.

Week 14: review; Final Exam (hands on)

### Instructional Methods

Instruction includes project-based learning, discussions, demonstrations, lectures, videos, and peer-to-peer learning.

### Student Assignments

1. Project 1 - Ultrabeat 2. Project 2 - Strip silence; arpeggiator 3. Project 3 - Reason 4. Project 4 - Recording audio into Logic 5. Project 5 - Remix project 6. Project 6 - Scoring a short video

**Weekly schedule and projects are subject to change.**

**Instructor Requirements As your Instructor, it is my responsibility to:**

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through class activities, discussions, and lectures
- Description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness and make up
- Provide the course outline and class calendar which will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required

**To be successful in this class, it is the student's responsibility to:**

- Attend class and participate in class discussions and activities
- Complete the required assignments and exams:
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts and all assignments
- Complete the class with a 70% passing score

**Program/Discipline Requirements**

1. Students must turn in all assignments to be eligible to pass the course.
2. Students should turn in assigned work on time. Assignments that are turned in late will lose 11 points for every subsequent class day that the work is not turned in.
3. Students are expected to attend all classes. Students should sign the sign-in sheet at the beginning of each class. If you do not sign the sheet, you will be counted absent. If you want an A in this class you should attend all classes.

**Projects:** There will be several lab assignments and projects. Some will deal with the most recent topics covered in class (ex. working with Ultrabeat). Projects will be split between individual and group projects.

**Mid-Term:** Each student will sign up for a 10 minute time slot. During that time , you will be required to work through procedures within Logic that we will have covered in class. For example, I may ask you to set up Reason and Logic and record a Reason track onto an audio track within Logic.

**Final Exam:** The final exam will be multiple choice and but will cover more advanced

techniques learned in the second half of the semester.

### HCC Grading Scale

90-100 = A 80 - 90 = B 70 - 79 = C 60 - 69 = D Below 60 = F

Grading Criteria: Your instructor will conduct quizzes, exams, and assessments that you can use to determine how successful you are at achieving the course learning outcomes (mastery of course content and skills) outlined in the syllabus. If you find you are not mastering the material and skills, you are encouraged to reflect on how you study and prepare for each class. Your instructor welcomes a dialogue on what you discover and may be able to assist you in finding resources on campus that will improve your performance.

Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students' rights with regard to sex/gender discrimination. Information regarding these rights are on the HCC Website under Students Anti-discrimination. Students who are pregnant and require accommodations should contact any of the ADA Counselors for assistance.

It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult situations. Log in to [www.edurisksolutions.org](http://www.edurisksolutions.org). Sign in using your HCC student e-mail account, then go to the button at the top right that says Login and enter your student number.

### **Campus Carry**

At HCC the safety of our students, staff, and faculty is our first priority. As of August 1, 2017, Houston Community College is subject to the Campus Carry Law (SB11 2015). For more information, visit the HCC Campus Carry web page.

### **Title IX**

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status-in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross

Director EEO/Compliance

Office of Institutional Equity & Diversity

3100 Main

(713) 718-8271

[Houston, TX 77266-7517](tel:7137188271) or [Houston, TX 77266-7517](tel:7137188271) or [Institutional.Equity@hccs.edu](mailto:Institutional.Equity@hccs.edu)

ADA Accommodations:

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations. Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to <http://www.hccs.edu/district/students/disability-services/>