

GRAYSON COLLEGE
MUSC 2427.001 - AUDIO ENGINEERING II

Course Syllabus – Spring 2020
Room: AC102/AC104 (subject to change)
Tuesday / Thursday 11:00am - 12:15pm
Face-to-Face course

Instructor Information

Dr. Joseph Lyszczarz
Email: lyszczarzj@grayson.edu
Office: AC 102
Office Hour: TBA or By Appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions

None

Course Description

Implementation of the recording process, including microphones, audio console, multi-track recorder, and signal processing devices.

This course will also include theory and use of MIDI, synthesis, and multimedia, as well as gear and studio explanation.

Student Learning Outcomes

1. Demonstrate signal routing techniques, microphone selection, and placement/signal processing applications
2. Execute a multi-track project including recording, editing, and mixing
3. Demonstrate and execute projects using MIDI sequencing
4. Explain and demonstrate, and execute the use of synthesized timbres

Required Textbooks (ISBN # included) and Materials

David Miles Huber: Modern Recording Techniques, 9th Edition. ISBN #: 978-0-240-82157-3 The textbook is typically available in the campus bookstore, and can also be found at a number of online websites.

USB Flash Drive with at least 8 GB of file storage space – for project archiving and turn-in

A high-quality pair of monitoring headphones (closed ear) is required for critical listening while working on class assignments at home or in the music computer lab. I like the Audio Technica ATH-M line. Headphone adapter is required, will be included with purchase of studio headphones.

In this course, you will be able to request usage of the Grayson College Recording Studio as well as the piano lab computer studio. Although access to software outside of these are not required, you may find it beneficial to obtain your own copy of either AVID's Pro Tools or Cockos's REAPER Digital Audio Workstation software. Monthly subscriptions with student discount can be bought for Pro Tools, and REAPER is available for a generous evaluation period followed by \$60 license fee.

Course Schedule

The schedule is subject to change with fair notice announced in class and posted as an announcement in your Canvas shell. Canvas should be checked frequently for additional information.

<i>Week</i>	<i>Date</i>	<i>Class Topics</i>	<i>Major Assignments Due</i>
1	1/14 1/16	Introduction to MIDI	
2	1/21 1/23	MIDI Continued	
3	1/28 1/30	Samplers and Sample Based Instruments Project 1 Presentations	Due: Project 1: Basics of MIDI
4	2/4 2/6	Introduction to Synthesis	
5	2/11 2/13	Synthesis Continued Project 2 Presentations	Due: Project 2: Synthesis Remix
6	2/18 2/20	DAW Loop Techniques	
7	2/25 2/27	Studio Acoustics	
8	3/3 3/5	Review Midterm Examination	Due: Project 3: Hip-Hop Beat
Spring Break	3/10 3/12	Spring Break - No Class Spring Break - No Class	
9	3/17 3/19	Audio for Video	
10	3/24 3/26	Multimedia Formats	
11	3/31 4/2	Project 4 Presentations	Due: Project 4: Film Clip Sound Effect and Scoring
12	4/7 4/9	Studio Monitors	
13	4/14 4/16	Mixing	
14	4/21 4/23	Mastering	
15	4/28 4/30	Final Project Lab/Work	
16	5/5 5/7	Final Exam Week FINAL EXAM – Date + Time TBD	Final Project Due/Final Project Presentations

In case of inclement weather, emergency closings, or other unforeseen disruptions to scheduled classes, students must log onto their Canvas accounts for directions on where or how to continue their coursework.

Methods of Evaluation + Required Assignments

Grading

- Attendance -25%
- Assignments -15%
 - Listening/Discussion
 - Quizzes
 - Lab Activities
- Projects - 45%
 - Projects 1-4: 30% (@7.5% ea)
 - **Final Project – Multitrack Recording Project (15%)**
- Midterm Examination – 20%

Grading Scheme

A = 100% - 89.5%

B = 89.4% - 79.5%

C = 79.4% - 69.5%

D = 69.4% - 59.5%

F = < 59.5%

Attendance/Participation: 25%

If you are unable to make it to class, you must contact me via E-mail as soon as possible. Excused absences can only be granted at the discretion of the instructor for illness or similar conflicts; granting them requires reasonable advanced notice.

Unexcused absences will count against your attendance percentage.

Participation is graded via letter grade, and is contingent on active discussion in class and knowledge of assigned readings.

*Two tardy arrivals are calculated as one absence. If you are seen using a cell phone you will be counted absent.

Participation includes participating in classroom discussions, reading of assigned textbook passages, and general engagement with course material.

Assignments/Labs 15%

Assignments reinforcing and exploring course material are given weekly. They may include the following categories:

- **Laboratory Classes:** Lab assignments are in-class activities providing practical experience in course concepts.
- **Topic Assignments:** These are be discussion questions, listening assignments, worksheets or other small assignments intended to supplement in class lecture and work
- **Quizzes:** Quizzes may be given at any time, in class or via canvas.

Projects 45%

The class projects are designed to implement concepts covered in lectures and assignments in a practical recording experience.

- Project 1 – Introduction to MIDI Project
- Project 2 – Synthesis Project – MIDI Remix
- Project 3 – Loops Based Production: Beat Making

- Project 4 – Film Scoring/Audio Project
- Final Project: Complete Multitrack Recording

Midterm 15%

Tests are administered in class on dates and content specified in class

Course & Instructor Policies

1. Leave outside conflicts at the door.
2. Bring a good attitude and hard work ethic to class every day.
3. Respect everyone; we are all equals. Gossip and disrespectful comments hurt the class.
4. Audio Engineering should be just as important as your other classes. Remember ...you chose to be here.
5. At no time will a student be allowed to sleep, lay his or her head down during lecture, or interrupt the flow of the class through casual chatting or other disruptive behavior.
6. Cell phones are to be silenced and left alone during class time. No Texting!
7. No eating or drinking in class / the studio.
8. At any time, the instructor has the authority to ask a student to leave the classroom for any infraction of the above and this expulsion will be treated as an absence for that particular class.

Late Work Policy:

Late work is frowned upon. For every day an assignment is late, you will be deducted one letter grade from the maximum possible points for the assignment.

Attendance

Academic success is closely associated with regular classroom attendance and course participation. All successful students, whether on campus or online, are expected to be highly self-motivated. All students are required to participate in courses regularly and are obliged to participate in class activities and complete and submit assignments following their professors' instructions. Students taking courses during compressed semester time frames such as mini-mester, summer sessions, and mid-semester should plan to spend significantly more time per week on the course. Responsibility for work missed because of illness or school business is placed upon the student. More than two (2) absences are considered to be excessive. In addition, students' eligibility to receive financial aid or live in a College dormitory can be affected by withdrawal from courses. When withdrawal occurs, any tuition refund would be made in accordance with state regulations.

Academic Integrity

Plagiarism is a form of scholastic dishonesty involving the theft of or fraudulent representation of someone else's ideas or words as the student's original work. Plagiarism can be intentional/deliberate or unintentional/accidental. Unintentional/Accidental plagiarism may include *minor* instances where an attempt to acknowledge the source exists but is incorrect or insufficient.

Deliberate/Intentional plagiarism violates a student's academic integrity and exists in the following forms:

- Turning in someone else's work as the student's own (such as buying a paper and submitting it, exchanging papers or collaborating on a paper with someone else without permission, or paying someone else to write or translate a paper),

- Recycling in whole or in part previously submitted or published work or concurrently submitting the same written work where the expectation for current original work exists, including agreeing to write or sell one's own work to someone else,
 - Quoting or copy/pasting phrases of three words or more from someone else without citation,
 - Paraphrasing ideas without citation or paraphrasing incompletely, with or without correct citation, where the material too closely matches the wording or structure of the original,
 - Submitting an assignment with a majority of quoted or paraphrased material from other sources, even if correctly cited, when original work from the student is expected,
 - Copying images or media and inserting them into a presentation or video without citation,
 - Using copyrighted soundtracks or video and inserting them into a presentation or video without citation,
 - Giving incorrect or nonexistent source information or inventing source information,
 - Performing a copyrighted piece of music in a public setting without permission,
 - Composing music based heavily on someone else's musical composition.
- Please refer to your course syllabus. Infractions may result in disciplinary options on behalf of the faculty member and/or dean.

Any assignment containing plagiarized content or otherwise infringing on academic honesty policy will be given a grade of 0%.

TITLE IX

GC policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on Title IX, please contact:

Dr. Regina Organ, Title IX Coordinator (903-463-8714)

Mr. Brad Bankhead, Title IX Deputy Coordinator- South Campus (903) 415-2601

Mr. Mike McBrayer, Title IX Deputy Coordinator (903) 463-8753

Website: <http://www.grayson.edu/campus-life/campus-police/title-ix-policies.html>

GC Police Department: (903) 463-8777- Main Campus) (903) 415-2501 - South Campus)

GC Counseling Center: (903) 463-8730

For Any On-campus Emergencies: 911

Grayson College campus-wide student policies may be found on our Current Student Page on our website: <http://grayson.edu/current-students/index.html>

Grayson College is not responsible for illness/injury that occurs during the normal course of classroom/lab/clinical experiences.

These descriptions and timelines are subject to change at the discretion of the Professor. The instructor reserves the right to make adjustments to course policies as he sees fit, on a case-by-case basis.