

**Syllabus – Live and Studio recording**  
MUS 219.2

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**• Artist in Residence (composition, recording arts)**

Room 121B – Brethren's House  
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Hello and welcome to the world of Live and Studio recording. A sense of curiosity throughout our time together is important and we will explore many styles & techniques with an open mind. This curiosity will serve you well throughout your musical life and lifelong learning.

**Course Description - Live and Studio recording.**

This course provides a complete study of both live and the recording studio environment. Learning the essentials of digital audio workstations (DAW), students will be able to execute the tasks required for engineering a complete recording session, including session management, recording, overdubbing, mixing, and mastering.

Students will learn how different microphones, plug-ins, and other technologies are employed in a variety of applications for the audio industry: music recording, broadcast production, and other applications.

Through this course students are provided with many opportunities to work on recordings.

Students will be expected to record up to nine ensembles/recitals in a mixture of roles – Producer, Chief Engineer & Assistant engineer. In addition students are expected to work on a specific recording project from start to finish.

**Prerequisite:** MUS 366.1 Advanced Technology for Composers

**Reference Materials**

"Mixing and Mastering in the Box", Steve Savage, Oxford University Press

ISBN978-0-19-992932-0

Excerpts from the Pro-Tools manual are supplied.

**Week 1:** The role of a recording engineer and producer

**Week 2:** Signal flow in the virtual studio environment

**Week 3:** Pro Tools session setup

**Week 4:** Microphone choices, placement, and how room acoustics come into play

**Week 5:** Application of microphone choices from week 4

**Week 6:** Mixing in Pro Tools I

**Week 7:** Mixing in Pro Tools II

**Week 8:** Recording Project, set up and tracking.

**Week 9:** Recording Project, set up and tracking.

**Week 10:** Mixing in Pro-tools with use of plugins, compression & other software

**Week 11:** MIDI, samples and sequencing

**Week 12:** Synching to video

**Week 13:** Mastering concepts

**Week 14:** Review

**Assignments will be based on weekly concepts.**

### **Areas of Evaluation**

- Attendance 10%
- Class Participation 30%
- Assignments 60%

### **Guidelines for individual student recording projects:**

1. Students should contact existing college ensembles or student ensembles for your project during the 1<sup>st</sup> week of the semester.
2. Plan the recording schedule as early as possible.
3. Discuss with the ensemble leaders regarding the desired outcomes and plan effective strategies to make the most use of effective recording time.
4. Book the equipment, studio space you need in a timely fashion to avoid scheduling conflicts.
5. Book 121B for mixing and mastering times

6. Keep everyone in the loop via email and/or texts/social media about any changes.
7. Have a flash/thumb drive with at least a 64gig capacity.

### **Academic Honesty at Moravian College**

Academic integrity is the foundation on which learning at Moravian College, Moravian Theological Seminary, and the Comenius Centre are built. Students are expected to perform their academic work honestly and fairly. More information can be found here:

<http://www.moravian.edu/studentlife/handbook/academic/academic2.html>

**Moravian College is here to help:** If you find yourself falling irreparably behind in a course, please tell me and I will help in order to try and fix the problem. If not, please be in contact with the Department Chair, who in turn will put you in touch with the Learning Centre.

The Academic Support Center houses Disability Support and Greyhound Tutoring on the first floor of Monocacy Hall and can be reached at [610-861-1401](tel:610-861-1401).

Greyhound Tutoring provides course-specific tutors to Moravian students, free of charge. If you would like to work with a Greyhound Tutor to boost your academic success, please request a tutor through <http://bit.ly/NeedTutorMC> (case-sensitive). Plan ahead! It takes 2-3 business days to connect you with a tutor.

Please email Dana Wilson ([wilsond@moravian.edu](mailto:wilsond@moravian.edu)), Tutor Coordinator, for more information about tutoring. Please email Laurie Roth ([rothl@moravian.edu](mailto:rothl@moravian.edu)), Director of Academic and Disability Support, for more information about disability support.