

Course Syllabus

Course Prefix, Number, and Title:

Mus 109 Musicianship II

Credits:

3

University Name:

Dakota State University

Academic Term/Year:

Spring 2023

Last date to Drop and receive 100% refund:

1/18/23

Last date to Withdraw and earn a grade of 'W':

4/3/23

Course Meeting Time and Location:

Tuesday/Thursday 11-11:50 am TCB 209

Instructor Information:

Name:

Tate Carson

Office:

TCB 305

Email Address:

Tate.carson@dsu.edu

Office Hours:

MWF 10 am – 12 pm, TR 2:30 – 3:30 pm

Approved Course Description:

Catalog Description:

A study of foundational principles of the science of sound as necessary for training in audio engineering and digital sound design involving written, aural, and analytical perspectives including, but not limited to ear training, harmonics, frequencies, equalization, sound synthesis, and overall sound structure within acoustic and digital settings.

Additional Course Information:

This course lays the foundations for technical ear training and sound analysis. Rhythmic ear training may also be incorporated according to class needs. Students will engage in critical listening, sound journaling, creating a source recordings list, class discussions, student

presentations, and technical ear training modules. Technical ear training modules are designed to increase hearing sensitivities and recognition of the following:

- Tonal Balance and Equalization
- Spatial Attributes and Reverberation
- Dynamic Range Control
- Distortion and Noise
- Amplitude Envelope and Audio Edit Points
- Bias in the listening process

Prerequisites:

Course Prerequisite(s):

MUS 108

Technology Skills:

Online Technical Ear Training Modules
DAWs
Sound and Recording Arts equipment
Internet
D2L Course Environment

Course Materials:

Required Textbook(s):

Audio Production and Critical Listening: Technical Ear Training, by Jason Corey

Required Supplementary Materials:

INDUSTRY STANDARD Headphones, Laptop, External Hard Drive
Suggestions for headphones to consider:
AKG K240 or K701
Audio-Technica ATH-M50x
Byerdynamic DT770 Pro
Grado supra-aural, open back
Sennheiser HD 600, HD 650, or HD 800
Sony MDR 7506

Optional Materials:

Understanding and Crafting the Mix, by Richard Moylan – [DSU Library](#)

Student Support:

DSU Knowledge Base:

The DSU Knowledge Base contains links and resources to help students by providing information about the following topics: User Accounts & Passwords, Academic Tools & Resources, Software & Apps Support, WiFi & Network Access, Campus Emergency Alert System, Campus Printing, IT Security & Safe Computing, and the Support Desk (which is there to help both on and off-campus students). The Knowledge Base can be accessed through the link below:

- [DSU Knowledge Base](#)

D2L Support for Students:

The D2L Support for Students site is designed to provide DSU students a D2L support resource center that contains user guides, tutorials, and tips for using the D2L learning environment. The D2L Support for Students site can be accessed through the link below:

- [DSU D2L Support Resources for Students](#)

Course Delivery and Instructional Methods:

This course is a Discussion Instructional Method.

1. 8.1.1. Communication between the faculty member and students is two-way; all are participants who actively share experiences, ideas, viewpoints, and feedback.
2. 8.1.2. Student involvement is strong; it entails conversation, dialogue, and/or debate.

Classroom Policies:

Attendance and Make-up Policy:

Students are expected to attend all scheduled classes. After **three** absences, 10 points will be deducted from the attendance grade for each additional absence.

Late work will only be accepted with a documented excuse. Students may redo work on which they received an undesirable grade once, but only if they turned in something by the original due date. The deadline for redoing work is a week after the original due date. After this time, no late work will be accepted.

Accessibility Statement:

Dakota State University strives to ensure that physical resources, as well as information and communication technologies, are reasonably accessible to users in order to provide equal access to all. If you encounter any accessibility issues, you are encouraged to immediately contact the instructor of the course and Dakota State University's ADA Office, which will work to resolve the issue as quickly as possible.

DSU's ADA Office is located in the Learning Engagement Center and can be contacted by calling 605-256-5121 or emailing dsu-ada@dsu.edu. Students seeking ADA accommodations (such as non-standard note taking or extended time and/or a quiet space taking exams and quizzes) can log into the DSU portal to access <https://portal.sdbor.edu/dsu-student/student-resources/disability-services/Pages/default.aspx/> for additional information and the link to the Disability Services Request Form. You will need to provide documentation of your disability and the ADA Coordinator must confirm the need before officially authorizing accommodations.

Academic Honesty Statement:

Cheating and other forms of academic dishonesty run contrary to the purpose of higher education and will not be tolerated in this course. Please be advised that, when the instructor suspects plagiarism, the Internet and other standard means of plagiarism detection will be used to resolve the instructor's concerns. The South Dakota Board of Regents Student Academic Misconduct Policy can be found here: [SDBOR Policy 2.33](#).

All forms of academic dishonesty will result in << insert class specific Academic dishonesty standards here >>

Communication and Feedback:

Preferred Email Contact Method:

Tate.carson@dsu.edu

Email Response Time:

Within 48 hours when class is in session.

Feedback on Assignments:

Within one week of the assignment's due date.

Names and Pronouns:

At DSU everyone has the right to be addressed by the name and personal pronouns that correspond to their gender identity, including non-binary pronouns, for example, they/them/theirs, ze/zir/zirs, etc. Students can request a name change using the **Change Name/Preferred Name or Address** form at <https://support.dsu.edu/>. This will change the display name in D2L and across other campus systems. Students can always email me to let me know what pronouns they use.

To create and maintain an inclusive learning environment, it is important that we respect the names and pronouns of our peers in this class. I expect everyone to be serious and respectful when classmates share their names and pronouns. Mistakes in addressing one another may happen. If you hear someone make a mistake, please correct them and move on. ("I think Sam uses they, not she.") If you make a mistake or are corrected, please say "thank you" and move on. ("Thank you. They made a great point about the film.") To learn more about pronouns and why they are important please visit <https://www.mypronouns.org/>

Student Learning Outcomes:

At the end of this course, students will be able to:

1. Practice technical ear training exercises and increase the speed of recognition.
2. Describe objective measurements of sound.
3. Discuss technical descriptions of signal processing and sound manipulations.
4. Demonstrate critical listening, thinking, and problem-solving skills in an artistic setting.
5. Develop an introductory path in technical ear training techniques, critical listening skills, source recordings, and self-analysis that efficiently produce artistic growth.

Evaluation Procedures:

Assessments:

- Attendance/participation/Journal Presentations (30%)
- Critical Listening Journals (20%)
- Final Analysis Paper/Presentation (20%)
- Final Exam (30%)

Final Examination:

Thursday, May 4th, 10:30 am – 12:30 pm TCB 209

Performance Standards and Grading Policy:

90% and above = A
80%-89% = B
70%-79% = C
60% - 69% = D
59% or below = F

Student Verification Statement and Proctoring Policy:

Federal law requires that universities verify the identity of students when course materials and/or course assessment activities are conducted either partially or entirely online. A student's Desire2Learn (D2L) login and password are intended to provide the student with secure access to course materials and are also intended to help the university meet this federal mandate. Some DSU Faculty also require the use of a proctor for exams in distance-delivered (Internet) courses and this requirement provides a second level of student identity verification. Students are responsible for any proctoring fees, if applicable. Finally, an instructor who uses web conferencing technology may require students to use a webcam during exams as another means of student identity verification through voice and visual recognition.

<< For online courses, include the verification method used for the course (i.e., proctoring, portfolio, oral exam, student observation, etc.) >>

Tentative Course Outline and Schedule:

Week	Date	Potential Topics, Assignments, Quizzes, Tests, Deadlines
1	1/9	Syllabus Introduction to Critical Listening Talking about sound
2	1/16	Multidimensional listening skills Spectral balance and equalization Working with the EQ Practice Module Quiz 0 (practice) – 1 octave, 1 band, + 12 dB, pink noise, freq 500 to 2000 Hz
3	1/23	Analysis of sound Start work on weekly analysis journals Quiz 1 - 1 octave, 1 band, + 12 dB, pink noise, freq 500 to 2000 Hz
4	1/30	Student journal presentation 1 Quiz 2 - 1 octave, 1 band, - 12 dB, sound file, freq 500 to 2000 Hz Schafer Listening exercises
5	2/6	Student journal presentation 2 Quiz 3 - 1 octave, 1 band, + 12 dB / - 12 dB, pink noise and sound file, full range Evaluating sound with graphing

Week	Date	Potential Topics, Assignments, Quizzes, Tests, Deadlines
6	2/13	Student journal presentation 3 Quiz 4 - 1 octave, 1 band, + 9 dB / - 9 dB, pink noise and sound file, full range Schafer Listening exercises
7	2/20	Student journal presentation 4 Quiz 5 - 1 octave, 1 band, + 6 dB / - 6 dB, pink noise and sound file, full range Schafer Listening exercise
8	2/27	Student journal presentation 5 Quiz 6 - 1 octave, 1 band, all combinations, pink noise, and sound file, full range Schafer Listening exercise
9	3/6	Student journal presentation 6 Quiz 7 - 1/3 octave, 1 bands, + 12 dB / - 12 dB, pink noise and sound file Schafer Listening exercise
10	3/13	Spring Break – No classes
11	3/20	Student journal presentation 7 Quiz 8 - 1/3 octave, 1 bands, + 9 dB / - 9 dB, pink noise, and sound file Schafer Listening exercise Final Paper introduction
12	3/27	Student journal presentation 8 Quiz 9 - 1/3 octave, 2 bands, + 12 dB / - 12 dB, pink noise and sound file Schafer Listening exercise
13	4/3	Student journal presentation 9 Quiz 10 - Reverberation Dynamic Range Listening Schafer Listening exercise
14	4/10	Student journal presentation 10 Quiz 11 - Dynamic range expansion + Dynamic range compressio Distortion Final paper presentations

Week	Date	Potential Topics, Assignments, Quizzes, Tests, Deadlines
15	4/17	Quiz 12 - Distortion Final paper presentations
16	4/23	Final Exam - Thursday, May 4th, 10:30 am - 12:30 pm This exam will cover aspects of each of the critical listening skills we've learned throughout the semester.

Freedom in Learning Statement:

Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. It has always been the policy of Dakota State University to allow students to appeal the decisions of faculty, administrative, and staff members and the decisions of institutional committees. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college which offers the class to initiate a review of the evaluation.

COVID-19 Policies:

During this pandemic, students must abide by all DSU policies and public health rules put forward by the state of South Dakota, the Board of Regents, and Dakota State University to promote the health and well-being of fellow students and your own personal self-care.

As with other disruptive behaviors, we have the right to dismiss you from the classroom (Zoom and physical), or other class activities if you fail to abide by these COVID-19 policies. You will also be alerted to any possible course format changes in response to DSU decisions about COVID-19 during the semester.

Please refer to the DSU coronavirus site for more information: <https://dsu.edu/emergency-alerts/coronavirus-update.html>