



MUSIC 156 Audio Engineering & Production I

Fall Quarter: 2013

Credits: 5

Location: **Room A154 [MIDI Lab]**

Class days and time:

Sect HYA: 10:30-11:20 MW

Sect HYB: 10:30-11:20 TTH

Sect HYC: 11:30-12:20 TTH

Instructor: **Kelly Kunz**

Office: **A158**

Office Hours: **Monday-Thursday by appointment only.**

email: **kelly.kunz@bellevuecollege.edu**

Online component: Canvas

MUSIC 156—Audio Production I [General Description]

Students will learn practical, technical and theoretical concepts needed for utilizing a digital recording studio and contemporary recording technology. Preparation for creative and technical careers in sound engineering and music production, are intertwined. Topics covered and/or discussed, include audio signal path and signal routing concepts, operations of an analog recording/mixing console and introduction to a digital console as well, microphone usage, recording devices, digital editing, trouble shooting, project planning, studio etiquette, introduction to Pro Tools and basic mixing techniques. Enrollment in the class entitles the student to access the midi lab and recording studio as available during posted hours.

Suggested Materials:

1. Pro Tools 10 Explained (Tutorial DVD's)

Website: www.Groove3.com

Can be purchased online - this is a good, inexpensive resource.

2. www.lynda.com (this costs \$25 per month) a two month membership would be incredibly helpful. Great website.

Requirements: Your headphones and drives must be brought to class on the first day of week two!

1. Stereo Headphones, preferably not ear buds. If you use ear buds, do not use the 3 band headphone jacks that folks often use with their cell phones. The computer doesn't like these and often will not work.

2. USB Thumb Drive or some sort of backup drive [4 GB available minimum].

Outcomes from Course to include:

1. Plug in and operate analog audio system: including the use of multiple monitor mixes, using auxiliary busses, patching and managing multiple inputs/outputs and patching in outboard FX processors.
2. Understand and demonstrate usage and manipulation of digital signal pathways.
3. *Develop a basic understanding of rhythm, studio charting & drum grooves. (Audio 157)*
4. Develop fundamental recording skills: vocals, drums, percussion, bass, guitars, piano & keyboards.
5. Apply effective miking techniques for all the above.
6. Recognize, identify and properly select studio cables and connectors.
7. Understand and demonstrate usage of external microphone pre-amplifier.
8. Work in a multi-tracking environment: both, basic tracking and overdubbing.
9. Work with an analog studio console, and an Aviom headphone amplification system.
10. Develop effective headphone mixes for performers, including the use of a click track.
11. Begin to develop critical listening skills.
12. Develop effective communication skills within the studio environment.
13. Understand and define basic studio terminology.
14. Start up and configure a Pro Tools Session.
15. Use the main Pro Tools windows and customize displays.
16. Record audio into a Pro Tools session.
17. Import and export audio files and regions.
18. Use basic Pro Tools MIDI features.
19. Work with selections and navigate a Pro Tools Session.
20. Create audio clips and edit tracks.
21. Create Stereo mixes within Pro Tools.
22. Process audio using RTAS plug-ins.
23. Bounce to disk.
24. Work with music and post-production projects.
25. Create mp3 files in iTunes.

Grading Criteria: *(Class attendance is mandatory for a passing grade).*

Attendance, Assignments, quizzes, lab hours & Final Project

Attendance / Promptness:

School policy states that if a student misses class 20% of the time or more, they may receive a failing grade. When put in the context of this hybrid course, that equates to missing 4 scheduled days of class.

Attendance will be taken daily, but an attendance grade will not be given. The only caveat here is that students should keep in mind the above stated school attendance policy as it will be enforced in this course.

Being on time to a class like this is extremely important. Daily activities (demonstrations, etc.) will begin immediately after attendance is taken. Students who arrive late are not to interrupt the flow of class and are at a distinct disadvantage as the course will typically be covering new ground on a daily basis. Students who show up late will not know what to do.

Assignments: (33% of grade).

Some assignments will be pass/fail, some assignments will be graded. The grading criteria for each assignment will be explained within Canvas and/or in class. Late assignments will lose 10% per day. Most assignments will be online and will be due no later than 11 PM on Monday nights. There will be the occasional assignment that will be due in class, so be sure to keep track of these details via the Canvas calendar.

Quizzes: (33% of grade).

Quizzes will be given at the conclusion of most modules. Each quiz will be available online through Canvas starting no later than 6 AM on Wednesday mornings and concluding at 11 PM on Monday nights. You may take these quizzes anytime during this time period. All quizzes will be graded. All quizzes will be online and students will typically have an hour to complete. Quiz materials will be derived from in-class lecture and discussion as well as any and all online content provided with each module. Students should consult the courses online calendar for specific quiz dates. **Quizzes cannot be made up.** *Instructor reserves the right to change the quiz schedule at any time, so be sure to check your Canvas calendar daily.

Final Project: (33% of grade).

The final project is a significant part of this course. It is the students opportunity to bring together and demonstrate the concepts learned throughout the quarter. Emphasis is placed upon successful and thorough planning, timely execution and completion of a professional level recording project. Failure to complete and turn in a final project on time will result in a final grade no higher than a D. Further details regarding final projects will be discussed in class.

Important:

Students are expected to adhere to all studio and lab etiquette requirements and expectations discussed in class. Not doing so will likely result in a loss of studio privileges and consequently, a failing grade for the quarter. This includes not showing up for a scheduled studio session.

Showing up for a Recording/Studio Session:

Due to the number of students who use the recording studios during a quarter, it is extremely important that students do not skip, forget, or simply not show up for a previously scheduled recording session. Students who do not show up are NOT guaranteed an opportunity to make up that session and run the risk of failing the course. In addition to any assignments, you will have approximately 3-4 sessions during the quarter for Audio Production I (Music 156). If a student runs into an emergency, be sure to call the studio and let them know that you cannot not be there.

Instructor Illness:

Students should check Canvas site every morning **before** coming to class. If the instructor is unexpectedly ill or cannot be in class that day, it WILL be posted on Canvas no later than 8 AM.

Lab Hours:

The midi lab is expected to be open from 2:30-9:00 M-TH, 1-7:00 PM on Fridays and 12-6 on the weekends. Lab is closed during all holidays and all days in which there are no student classes, such as teacher work days, etc.

Studio Hours:

See "Lab Hours". Hours are identical. Once in awhile due to unforeseen circumstances, Studio hours are subject to change, so be sure to check the online calendar.

Final Exam:

Completion of the final project will be considered as the final exam. The final project must be fully completed and turned in on time. *Late projects will not be accepted.*

Student Responsibility:

Instructors may, at their discretion, agree to accept student work that is submitted in various ways, including in person, to the division office, or via e-mail. It is the student's responsibility to verify that all assignments are actually received by the instructor, whether they are submitted in person or electronically.

It is the student's responsibility, not the instructor's, to initiate communication about progress or concerns with the course. Instructors are under no obligation to inform students that work is overdue, to nag students to complete assignments, or to call students who fail to attend class. Similarly, students need to keep themselves informed about syllabus changes that may have been made in class. We suggest finding a partner the first week of classes and keeping each other up to date if one is absent.

BC Attendance policy:

Attendance at all scheduled class meetings is mandatory. This requirement is particularly meant to apply to courses that are designated for classroom delivery, although distance education courses may also have certain attendance requirements. This requirement is intended 1) to prevent instructors from having to adjudicate individual excuses, and 2) to recognize that excuses are ultimately irrelevant both here at BC and in the workplace.

While specific attendance requirements are up to individual faculty members, the Arts and Humanities Division recognizes that attending class and participating actively are perhaps the most important way in which students can set themselves up for success. Conversely, not attending class almost certainly leads to failure.

Students in performance courses (Drama, Music, etc.) are reminded that attendance builds the professional relationship necessary between partners or in working groups.

In order for students to be eligible for a grade in a course, they must not miss more than ten classes, or 20% of the total class time scheduled, for any reason. When absences go beyond ten, instructors may a) give a grade of "F" for the course, or b) lower the final grade as much as they see fit. This does not imply that you may be absent fewer than ten times or 20% without seeing an effect on your grade; indeed, we wish to emphasize that any absence undermines your progress and will result in your having to work harder to catch up. Ten absences or 20% is merely the figure beyond which you cannot go without risking your eligibility for a course grade. In cases of legitimate hardship, students may also request that instructors grant a "HW" (hardship withdrawal), which is a non-credit grade.

In summary, when you are absent from a class more than ten times or 20% in any given quarter, you may receive a failing grade. Whatever written policy an instructor has in the syllabus will be upheld by the Arts and Humanities Division in any grievance process.