

DAPR 200L: Digital Audio Essentials

Schedule: Monday–Thursday, 10:00 AM–12:15 PM

Location: CS 623

Instructor: Bryan Sansom

Email: bryan.sansom@uvu.edu

Office: CS 710D and on Microsoft Teams

Course Description

This course introduces foundational concepts in digital audio and sound engineering. Topics include:

- Basic audio editing and gain staging
- Monitoring fundamentals
- Dynamic processing: EQ, compression
- Time-based effects: reverb, delay, chorus, phasing

Course Outcomes

By the end of the course, students will be able to:

- Apply concepts of basic acoustics (period, frequency, wavelength, etc.)
- Use Pro Tools to edit and mix 10-track audio sessions
- Operate basic signal processors (EQ, compression, reverb)
- Discuss frequency response and Signal-to-Noise Ratio (SNR)

Prerequisites and Corequisites

- **Course Prerequisite/Corequisite:** DAPR 20000
- **Math Recommendation:** MAT 1030, MAT 1035, MATH 1050, or MATH 1055 (recommended for better comprehension)

Technology Skills Needed:

- Ability to use a computer (basic functions like copy/paste and navigation)

Required Materials and Tools

- **Studio Headphones (Required):**
Suggested models: *Sennheiser HD280* or similar.
Note: Earbuds, Bluetooth headphones, and laptop speakers are **not acceptable**.
- **Pro Tools (Required):**
Students must install the **student version of Pro Tools** on their own laptops by Week 2.
Download from: www.avid.com

Note: Pro Tools is also available on classroom machines.

Course Format and Expectations

Mode: Face-to-Face with Online Components

Attendance: Mandatory. Missing more than one week can significantly affect your success.

Expect to spend:

- ~9 hours/week (full semester)
- ~18 hours/week (block class)

Platform: UVU Canvas (content, grades, communication)

You will:

- Attend every class
- Work independently and in class using Pro Tools
- Complete two mixing projects using progressively advanced tools

Academic Integrity

Cheating or plagiarism will result in a **zero** for the assignment. Do your own work.

Student Responsibilities

- Start during the first week of class
- Set regular time for coursework and meet all deadlines
- Use Canvas effectively; contact IT support if needed
- Communicate promptly about emergencies
- Late work is accepted but **automatically reduced by 11%**

- Grade disputes are welcome—this helps improve the course
- Notify the instructor in advance if missing class (treat this like a job)

Instructor Responsibilities

- Respond to emails within **2 business days**
- Give timely and constructive feedback
- Create a supportive, effective learning environment
- Refer students to additional services when needed
- Serve as a mentor throughout the course

Grading

Extra Credit:

None. Instead, **re-do assignments** until you achieve your desired grade.

Grading Scale:

Grade Percent

A	92.5–100
A-	90–92.4
B+	87.5–89.9
B	82.5–87.4
B-	80–82.4
C+	77.5–79.9
C	72.5–77.4
C-	70–72.4
D+	67.5–69.9
D	62–67.4
D-	60–61.9
E	0–59

Assignment Categories

Activity	Points
DAW Mixes	140
Quizzes	170

Activity	Points
Exams	200
Total	510

Late Work Policy

There is no such thing as “late work”—deadlines are final. However:

- You may **re-do any assignment** submitted on time as many times as needed to improve your grade.
- If you know you'll miss a deadline, **contact the instructor beforehand** to negotiate an extension. This models real-world professionalism.

Assessments

- **Discussions:** Optional peer forums (not graded)
- **Quizzes:** To be determined
- **Exams:** To be determined
- **Course Schedule:** To be determined

University Policies & Student Support

- [UVU Policies and Procedures](#)
- [Student Success Resources](#)
- [Accessibility Services \(OAS\)](#)
 - Location: LC 312, Orem Campus
 - Phone: 801-863-8747
 - Email (Deaf/HOH): nicole.hemmingsen@uvu.edu | Text: 385-208-2677

Technology Support

Canvas Support (24/7):

- Live Chat: [Canvas Support Chat](#)
- Phone: 385-204-4930

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