



## Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

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**Semester:** Spring

**Course Prefix:** DAPR

**Course Title:** Advanced Mixing

**Year:** 2025

**Course and Section #:** 3020-001

**Credits:** 3

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### ***Course Description***

Teaches in greater depth audio engineering principles and techniques including signal processing, professional-grade equipment operation, and challenges in mixing audio. Covers in-depth theory and application of mixing consoles, signal processors, and mixing workflows. Addresses problems that arise in complex mixes.

Software fee of \$15 applies.

Lab access fee of \$45 for computers applies. Course fee of \$95 for materials applies.

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### ***Course Attributes***

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

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### ***Instructor Information***

**Instructor Name:** Arlen L. Card, Associate Professor

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### ***Student Learning Outcomes***

- 1 Articulate the audio techniques necessary to generate the ideal mix.
- 2 Identify the sonic attributes of various genres.
- 3 Identify strengths, weaknesses, and innovative techniques in peers' and professional mixes.
- 4 Articulate how to mix for precise re-creation outside the mix space.
- 5 Explain proper application of all relevant signal processors including equalization, compression, reverb, delay algorithms, other time-based effects.
- 6 Discuss mastery of audio editing, automation, and rendering techniques at an industry-standard level.

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## ***Course Materials and Texts***

No required text. Information delivered via lecture, demonstration, and practicum.

Recommended supplemental readings:

Mix Smart: Alex U. Case

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## ***Course Requirements***

### **Course Assignments, Assessments, and Grading Policy**

<b>Date Due</b>	<b>Details</b>
Wed Jan 15, 2025, 11:00am	Mix 01 – Piano/Vocal
Wed Jan 22, 2025, 11:59pm	Discussion Comments for Mix 01
Wed Jan 29, 2025, 11:00am	Mix 02 – Contemporary A
Wed Feb 05, 2025, 11:59pm	Discussion Comments for Mix 02
Wed Feb 12, 2025, 11:00am	Mix 03 – Contemporary B
Wed Feb 19, 2025, 11:59pm	Discussion Comments for Mix 03
Wed Mar 05, 2025, 11:00am	Midterm Post Project
Wed Mar 05, 2025, 11:59pm	Team Comments for Midterm Project
Wed Mar 26, 2025, 11:00am	Mix 04 – Orchestral
Wed Apr 02, 2025, 11:59pm	Discussion Comments for Mix 04
Wed Apr 09, 2025, 11:00am	Mix 05 – Metal
Wed Apr 16, 2025, 11:59pm	Discussion Comments for Mix 05
Mon Apr 21, 2025, 11:00am	Final Project
Mon Apr 28, 2025, 11:59 pm	SRI Receipt

STUDENTS ARE RESPONSIBLE FOR MEETING ALL DEADLINES AND DUE DATES!

- Each student is expected to take an active role in the learning process by meeting course requirements as specified in the written syllabus, and as amended in class.
- Each student is required to **be attentive during class** so as to not miss details regarding the subject matter of the course.
- Each student is expected to display appropriate conduct in classroom situations, which will enhance the learning environment. This includes not being disruptive or excessively interruptive.
- Don't miss class. All learning in this class is experiential through practicum and critique, and you will be responsible for all the material and assignments, whether you were there or not.
- Late assignments will be docked, and will get zero credit after two weeks of the announced due date, so get them in on time. In the audio industry, if you miss a deadline, you're fired. Consider this class your first gig in the real-world audio industry. (Note: In rare instances – a death in the immediate family, the birth of your first child – I can be swayed, but not with circumstances that arose out of your own procrastination or failure to look ahead and manage your course load.) The last day of class in the semester is an absolute cutoff for all assignments, regardless of the two-week statement above.

HOW TO TURN IN MIX PROJECTS AND ISSUE CRITIQUES:

- All your mixes will be turned in to the corresponding discussion AS A LINK TO THE HI-RES AUDIO ON YOUR PORTFOLIO WEBSITE. The audio must be in 96 KHz and 24-bit depth or better, and be downloadable as such. NO MP3s!!
- Your comments on peer work, and their comments on yours, will be part of the Discussion on Canvas, so post your links to your work there as well. I will grade the substance of your work on the Assignment description listed on Canvas, but your submission (from which I will review your work) will all be on the corresponding Discussion on Canvas.

#### ATTENDANCE POLICY:

Attendance is mandatory because this is an experiential course. Most of what's tested is delivered in class, not from reading. Roll is called on a random basis, usually when too many students are absent. **Each absence and tardy docks points from your attendance grade**, a 100-point total. When you must be absent, get good notes from fellow students (see the above rants). Also, if you are ill, just let me know and do not come share your microbes. Illness is an excused absence as long as you tell me, up to the second such absence. You are still responsible to get the class notes from a fellow student.

#### GRADING INFORMATION:

Grading Standards:

A = 95% & above A- = 90 - 94 B+ = 87 - 89 B = 83 - 86 B- = 80 - 82 C+ = 77 - 79  
C = 73 - 76 C - = 70 - 72 D+ = 67 - 69 D = 63 - 66 D - = 60 - 62 E/F (failing) = Below 60

### Required or Recommended Reading Assignments

N/A

### General Description of the Subject Matter of Each Lecture or Discussion

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|------|--|
| Week | Topic (with critiques of student work throughout the semester) |
|------|--|
1. Mixing sparse assets with exposed flaws; Review of Audio Basics
  2. Review of important mixing concepts: EQ, Compression
  3. Getting to a good full mix; Reverbs and Delay Lines
  4. Practicum on getting to a good full mix
  5. Getting to a good full mix, part II
  6. Practicum on getting to a good full mix, part II
  7. Mixing a massive project: Orchestral assets provided
  8. Practicum on mixing a massive project
  9. Breather: Analog tape and multi-EQ studies
  10. Lightning mix: Fast output for high-pressure situations
  13. Practicum on lightning mix project
  14. Practicum on final project
  15. Practicum on final project and review
  16. Final cleanup of projects

### *Required Course Syllabus Statements*

#### Generative AI

If you're tempted to query AI for additional answers or clarifications on the material for this class, I recommend against it. There is no AI at this point that is technically adept enough to answer audio

questions in a clearer or easier-to-understand way than we, as the audio faculty, have figured out after years of teaching this material and trying to get it to its simplest and easiest-to-understand form. Using generative AI for any practicum work on mixes is prohibited, and would likely render unsatisfactory results anyway.

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### **Using Remote Testing Software**

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

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## ***Required University Syllabus Statements***

### **Accommodations/Students with Disabilities**

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at [accessibilityservices@uvu.edu](mailto:accessibilityservices@uvu.edu) or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at [DHHservices@uvu.edu](mailto:DHHservices@uvu.edu)

DHH is located on the Orem Campus in BA 112.

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### **Academic Integrity**

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

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Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

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### **Equity and Title IX**

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – [TitleIX@uvu.edu](mailto:TitleIX@uvu.edu) – 800 W University Pkwy, Orem, 84058, Suite BA 203.

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### **Religious Accommodation**

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at [accessibilityservices@uvu.edu](mailto:accessibilityservices@uvu.edu). If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.