

**POST 326 | 426 Sound Mixing II**  
**Spring 2020**  
**Wednesday - ONLINE**

**Instructor: Travis Duffield**

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**Office Hours: Wednesdays 4:15PM - 5:45PM - Zoom (By Appointment)**

**Course Description**

This workshop based course focuses on re-recording mixing for cinema using the surround sound field. Subjects included mixing philosophies, techniques, advanced digital signal processing, and monitoring. A history of surround sound mixing will be covered. Several projects will be completed throughout the quarter.

**PREREQUISITE(S): POST 324 | 424**

**Grading Scale**

Pro Tools Practicals 20%

Projects 60%

Mix Critiques 10%

Weekly Participation 10%

A 93-100 Excellent work

A- 90-92

B+ 87-89 Above satisfactory work

B 83-86

B- 80-82

C+ 77-79 Satisfactory/good work

C 73-76

C- 70-72

D+ 67-69 Unsatisfactory work

D 63-66

D- 60-62

F 59-61 Substantially unsatisfactory work

**Learning Outcomes**

By the end of POST 326, students will be able to:

- Mix the audio for film clips in surround
- Automate digital signal processes for immersive audio
- Conform a surround mix to a revised edit
- Utilize basic surround routing techniques in a digital audio workstation
- Listen and identify deficiencies in a surround mix through various outputs
- Prepare audio for basic delivery of the final mix for Digital Signal Processing

By the end of POST 426, students will be able to:

- Mix the audio for a short film in surround.
- Complete a feature film surround mix session template.
- Complete advanced conforming techniques for surround mixes.
- Utilize advanced surround routing techniques in a digital audio workstation.
- Identify and resolve deficiencies in a surround mix through various outputs.
- Encode audio for multiple delivery platforms of the final surround mix including Digital Cinema Projection

### **Required Texts**

**None - Selected Readings, Podcasts, and Videos via D2L**

### **Materials**

- **Hard Drive** with at **least** 100GB free space - Firewire 400/800 , USB **3.0** (not 2.0), or Thunderbolt (Preferably 7200RPM ) is recommended.
- **Avid Pro Tools Ultimate License** - instructions on getting a temporary license from Avid posted to D2L. **MUST BE COMPLETED BY END OF WEEK 1**

### **Course Outline**

#### **Week 1**

**Topics Covered:** Intro to Class | Syllabus | Review

**Assignment:** Project 1 - Stereo Mix - **Due Week 3**

#### **Week 2**

**Topics Covered:** History of Surround Sound | Listening in Surround | Pro Tools Templates Part 1 | Pro Tools Practical #1

**Assignment:** Mix Analysis Project 1 - **Due Week 5**

#### **Week 3**

**Topics Covered:** Surround Setup & Calibration | Pro Tools Templates Part 2

**Assignment:** Project 2 - Surround Sound Design & Rough Mix - **Due Week 6**

#### **Week 4**

**Topics Covered:** Surround Processing Part 1 | Pro Tools Practical #2

## **Week 5**

**Topics Covered:** Surround Processing Part 2

## **Week 6 - MIDTERM**

**Topics Covered:** Project 2 Critiques | Advanced Automation

**Assignment:** Project 3 - Surround Mix to Picture **Due Week 11**

Mix Analysis - Scene Analysis - Project 2 - **Due Week 8**

## **Week 7**

**Topics Covered:** Ambisonic Audio | Sound Particles

## **Week 8**

**Topics Covered:** Loudness and Delivery | Pro Tools Practical #3

## **Week 9**

**Topics Covered:** Immersive Audio via Stereo Delivery

## **Week 10**

**Topics Covered:** Final Project First Look Critique - 1:1 Sessions via Zoom

## **Week 11 - FINAL PROJECTS DUE**

### **Changes to Syllabus**

This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements on D2L and sent via email.

### **Online Course Evaluations**

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Course evaluations will be completed in class during Week 9. Students may alternatively complete the evaluation online in [CampusConnect](#).

### **Academic Integrity and Plagiarism**

This course will be subject to the university's academic integrity policy. More information can be found at <http://academicintegrity.depaul.edu/>. If you have any questions be sure to consult with your professor.

### **Academic Policies**

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](#). Information on enrollment, withdrawal, grading and incompletes can be found at: [cdm.depaul.edu/enrollment](http://cdm.depaul.edu/enrollment).

### **Students with Disabilities**

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: [csd@depaul.edu](mailto:csd@depaul.edu).

Lewis Center 1420, 25 East Jackson Blvd.

Phone number: (312)362-8002

Fax: (312)362-6544

TTY: (773)325.7296

### **Late Papers/Projects**

Late papers and projects are **not** accepted. If there is an emergency, proper documentation is required before the deadline.

### **Attendance**

Students are expected to attend each class and to remain for the duration. Coming 15 minutes late or leaving 15 minutes early constitutes an absence for the student. Three absences for any reason, whether excused or not, may constitute failure for the course.