

DC 417 Advanced Sound Mixing Winter 2016

Tuesday - 5:45 PM - 9:00 PM in CDM 526

Instructor: Travis Duffield

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Office Hours: Tuesdays 5:15PM - 5:45PM CDM 526 | 9:00PM - 10:00PM CDM 724

Studio Manager for CDM 600A & CDM 724

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Course Description

This workshop based course offers advanced mixing techniques for Stereo and Surround Sound. Subjects include mixing philosophies, techniques, advanced digital signal processing, and monitoring. A history of Surround Sound and contemporary surround techniques will be covered. Several projects will be completed throughout the quarter.

Prerequisite: DC 415

Grading Scale

Reading Reviews 5%

Critical Listening Projects 5%

Pro Tools Practicals 5%

Advanced Workflow Practical 10%

Projects 60%

Theatrical Mix Critiques 5%

Attendance 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 DC 417, students will be able to:

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

Required Texts

Mixing Audio 2nd Edition - Roey Izhaki

ISBN: 0240522222

Materials

Hard Drive with at **least** 100GB free space - Firewire 400/800 , USB **3.0** (not 2.0), or Thunderbolt (Preferably 7200RPM) is recommended.

Course Outline

Week 1 - 1/5

Topics Covered: Intro to Class | Syllabus | Review

Reading: Chapter 1, 2, 3, 4, 5, 6, 7, & 8

Assignment: Project 1 - Stereo Music Mixing **Due 1/19**

Week 2 - 1/12

Topics Covered: What is Mixing | Stereo Mixing | Pro Tools Templates Part 1

Reading: Chapter 9, 10, 11, 12, & 13

Assignment: Critical Listening Project 1 - Surround - **Due 2/9**

Week 3 - 1/19

Topics Covered: Processing Part 1 | Pro Tools Templates Part 2

Reading: Chapter 14, 15, 16, & 17

Assignment: Project 2 - Stereo Mix to Picture **Due 2/9**

Week 4 - 1/26

Topics Covered: Processing Part 2

Reading: Chapter 18, 19, 20, 21, 22, 23, & 24

Week 5 - 2/2

Topics Covered: Introduction to Surround | Automation

Reading: Chapter 25, 26, & 27

Week 6 - 2/9 - MIDTERM

Topics Covered: Project 2 Critiques | Pro Tools & Surround | Surround Templates

Assignment: Project 3 - Surround Mix to Picture **Due 3/15**

Critical Listening Project 2 - Dolby Atmos - **Due 3/8**

Week 7 - 2/16

Topics Covered: Surround Workflows Part 1 | Intro to 600A

Week 8 - 2/23

Topics Covered: Surround Workflows Part 2 | 600a Advanced Techniques

Reading: Dialnorm Tutorial

Assignment: Advanced Workflow Practical - **Due 3/15**

Week 9 - 3/1

Topics Covered: Asset Creation | Delivery | Loudness Specs

Reading: Authoring for Dolby Atmos

Week 10 - 3/8

Topics Covered: Final Project Screener Critique - **IN CLASS**

Week 11 - 3/15 - FINAL PROJECTS DUE / SCREENED IN CLASS

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.

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.

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.