DC 318 | 418 Sound Mixing II
Spring 2017
Wednesday - 5:45 PM - 9:00 PM in CDM 526

Instructor: Travis Duffield
Email: tduffiel@cdm.depaul.edu
Office Hours: <u>Mondays</u> 4:45PM - 5:45PM 14 E. Jackson - LL103A
                 <u>Tuesdays</u> 6:00PM - 7:00PM - Online - By Appointment
                 <u>Wednesdays</u> 4:45PM - 5:45PM 14 E. Jackson - LL103A

Studio Manager for CDM 600A & CDM 724
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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): DC 317 | 417

Grading Scale
Pro Tools Practicals 20%
Projects 60%
Theatrical Mix Critiques 10%
Attendance 10%

A 93-100 Excellent work	C 73-76
A- 90-92	C- 70-72
B+ 87-89 Above satisfactory work	D+ 67-69 Unsatisfactory work
B 83-86	D 63-66
B- 80-82	D- 60-62
C+ 77-79 Satisfactory/good work	F 59-61 Substantially unsatisfactory work

Learning Outcomes
By the end of DC 318, 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 DC 418, 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 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.

Course Outline

Week 1 - 3/29

Topics Covered: Intro to Class **|** Syllabus **|** Review
Assignment: Project 1 - Stereo Mixing **Due 4/12**

Week 2 - 4/5

Topics Covered: History of Surround Sound **|** Listening in Surround |
Pro Tools Templates Part 1
Assignment: Theatrical Mix Analysis Project 1 - Surround - **Due 5/3**

Week 3 - 4/12

Topics Covered: Surround Setup & Calibration **|** Pro Tools Templates Part 2
Assignment: Project 2 - Surround Sound Design & Mix **Due 5/3**

Week 4 - 4/19

Topics Covered: Surround Processing Part 1

Week 5 - 4/26

Topics Covered: Surround Processing Part 2 **|** Advanced Automation Part 1

Week 6 - 5/3 - MIDTERM

Topics Covered: Project 2 Critiques
Assignment: Project 3 - Surround Mix to Picture **Due 6/7**
Theatrical Mix Analysis Project 2 - Dolby Atmos - **Due 5/17**

Week 7 - 5/10

Topics Covered: Advanced Automation Part 2 **|**

Week 8 - 5/17

Topics Covered: Loudness and Delivery Part 1 **|**

Week 9 - 5/24

Topics Covered: Loudness and Delivery Part 2 **|**

Week 10 - 5/31

Topics Covered: Final Project First Look Critique - **IN CLASS**

Week 11 - 6/7 - 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.