DC 317 Advanced Sound Mixing
Winter 2016
Tuesday - 5:45 PM - 9:00 PM in CDM 526

Instructor: Travis Duffield
Email: tduffiel@cdm.depaul.edu
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 315

Grading Scale
Reading Reviews 10%
Critical Listening Projects 10%
Pro Tools Practicals 5%
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 317, students will be able to:

- Mix the audio for film clips in stereo or surround.
- Automate digital signal processes.
- Utilize basic routing techniques in a digital audio workstation.
- Listen and identify deficiencies in a mix through various outputs.
- Encode audio for basic delivery 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

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.