

DC 413 Production Sound

Winter 2019 | 14 E. Jackson LL107

Instructor: Travis Duffield

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Office Hours: Mondays 4:15PM - 5:45PM 14 E. Jackson - LL103A

Tuesdays 4:15PM - 5:45PM 14 E. Jackson - LL103A

Course Description

This workshop based course offers production recording and mixing techniques. Subjects include microphone selection, basic acoustics, boom techniques, dual system recording practices, and mixing. Several projects will be completed throughout the quarter.

PREREQUISITE(S): DC 409 or DC 461 or ANI 422

Learning Outcomes

By the end of DC 413, students will be able to:

- Utilize advanced professional field recorder functions employing industry standard techniques
- Test and choose the appropriate microphones and ancillary equipment for recording on location
- Apply advanced audio recording techniques to minimize noise and acquire consistent and usable audio
- Evaluate location audio work using aesthetic and technical criteria
- Communicate the needs of film in terms of the location recording workflow

Grading Scale

Attendance 10% of your total grade

Projects 65% of your total grade

Project 1 - 5%

Project 2 - 10%

Project 3 - 15%

Final Project - 35%

Quizzes 20% of your total grade

Research Paper 5% of your total grade

A 93-100 Excellent work

A- 90-92

B+ 87-89 **B** 83-86 Above satisfactory work

B- 80-82

C+ 77-79 **C** 73-76 Satisfactory/good work

C- 70-72

D+ 67-69 **D** 63-66 Unsatisfactory work

D- 60-62

F 59-61 Substantially unsatisfactory work

Required Texts

Title: Production Sound Mixing

Author: John J. Murphy

ISBN 13: 9781501307089

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 - 1/7

Topics Covered

Class Introduction | Expectations | Syllabus | Intro to Production Sound

Reading

Chapter 1 - WHAT IS SOUND? | Chapter 5 - CHOOSING A LOCATION

Week 2 - 1/14

Topics Covered

Location Scouting | The Business of Production Sound

Reading

Chapter 3 -THE DSLR SHOOT | Chapter 4 - THE AUDIO MIXER

Assignment

Project 1 - **DUE 1/28**

Week 3 - 1/21

Topics Covered

Signal Flow | Field Mixers | Field Mixer Operation | Field Recorders

Reading

Chapter 2 - MICROPHONES | Chapter 6 - BOOMING

Week 4 - 1/28

Topics Covered

Shotgun Microphones | Booming | Boom Accessories

Assignment

Project 2 - DUE 2/11

Week 5 - 2/4

Topics Covered

Lavalier Mics | Lav Mic Placement

Reading

Chapter 7 - WIRELESS MICROPHONES

Week 6 - 2/11 - MIDTERM

Topics Covered

Wireless Systems | Camera Hops

Reading

Chapter 9 - ON THE SET | Chapter 10 - PREP IS EVERYTHING!

Assignment

Research Paper - DUE 3/18

Week 7 - 2/18

Topics Covered

Double System Recording | Recording to Camera

Reading

Chapter 8 - INTERVIEWS! | Chapter 11 - SYNCHRONIZATION

Assignment

Project 3 - DUE 3/4

Week 8 - 2/25

Topics Covered

Timecode | Sit Down Interviews

Reading

Chapter 12 - POST-PRODUCTION

Chapter 13 - OPPORTUNITIES FOR SOUND WORK IN FILM / VIDEO

Assignment

Final Project - DUE 3/18

Week 9 - 3/4

Topics Covered

Sound Carts | Advanced Workflows | Metadata

Reading

Chapter 14 - STEREO

Week 10 - 3/11

Topics Covered

Advanced Workflows Part 2 | Final Project Questions

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. Students 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.