

# **DC 413 Production Sound**

## **Spring 2017 | 14 E. Jackson LL107**

**Instructor: Travis Duffield**

**Email: [tduffiel@cdm.depaul.edu](mailto:tduffiel@cdm.depaul.edu)**

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

**Tuesdays 6:00PM - 7:00PM - Online - By Appointment**

**Wednesdays 4:45PM - 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 215

### **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.

Skype (if planning on utilizing online office hours)

## **Course Outline**

### **Week 1 - 3/27**

#### **Topics Covered**

Class Introduction | Expectations | Syllabus | Intro to Production Sound

#### **Reading**

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

### **Week 2 - 4/3**

#### **Topics Covered**

Location Scouting | Zoom H4N

#### **Reading**

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

#### **Assignment**

Project 1 - **DUE 4/17**

### **Week 3 - 4/10**

#### **Topics Covered**

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

#### **Reading**

Chapter 2 - MICROPHONES | Chapter 6 - BOOMING

## **Week 4 - 4/17**

### **Topics Covered**

Shotgun Microphones | Booming | Boom Accessories

### **Assignment**

Project 2 - **DUE 5/1**

## **Week 5 - 4/24**

### **Topics Covered**

Lavalier Mics | Lav Mic Placement

### **Reading**

Chapter 7 - WIRELESS MICROPHONES

## **Week 6 - 5/1 - MIDTERM**

### **Topics Covered**

Wireless Systems | Camera Hops

### **Reading**

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

## **Week 7 - 5/8**

### **Topics Covered**

Double System Recording | Recording to Camera

### **Reading**

Chapter 8 - INTERVIEWS! | Chapter 11 - SYNCHRONIZATION

### **Assignment**

Project 3 - **DUE 5/22**

## **Week 8 - 5/15**

### **Topics Covered**

Timecode | Sit Down Interviews

### **Reading**

Chapter 12 - POST-PRODUCTION

Chapter 13 - OPPORTUNITIES FOR SOUND WORK IN FILM / VIDEO

## **Week 9 - 5/22**

### **Topics Covered**

Sound Carts | Advanced Workflows | Metadata

### **Reading**

Chapter 14 - STEREO

### **Assignment**

Final Project - **DUE 6/5**

## **Week 10 - 5/29**

### **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](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.