

# Spring 2018, MTEC 477 Remote Recording

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This course will focus on the important aspects high quality record production in locations other than a studio. Types of gear from analog to digital. Significant objectives include:

- Listening for record production
- An understanding of standard practices and methods in remote recording
- The business issues and practical aspects of producing live recordings on location
- Appreciation of the economic considerations driving the music industry and the studio business.

## Requirements, Exams and Grading Information:

*Participation* 10%

Participation in all class sessions will be monitored and will count towards your final grade. Because of the specialized nature of this subject, attendance and participation are critical for understanding the material and concepts covered in this class. Therefore, attendance in all class sessions will be monitored. **Missing more than two classes can lower grades proportionately. Missing more than three classes qualifies for being dropped from the course or receive a grade of Fail.** If you cannot attend a class, it is your responsibility to get notes from BlackBoard or a classmate.

### *Exams*

<i>Mid Term</i>	40%
<i>Final Exam</i>	50%
<i>Participation</i>	10%

There will be two exams: one mid-term (40%) and a final examination (50%). Each test will include multiple choice, terms and definitions. A study guide will be available the class prior to each exam. Note: The final exam is cumulative!

### **Classroom:**

No food in class

**No cell phones or computers on in class!**

If you're looking at your cell phone it must be on.

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Meeting	Date	Topic	Reading
1	1/8/18	Introduction; Overview of Remote Recording; Classical, Jazz and Pop; equipment and procedures	
2	1/15/18	<b>Martin Luther King Day</b>	
3	1/22/18	Acoustics; halls and concert stages; types of music and acoustics; reverb; mismatched music soundfield acoustics Venues; requirements for recording; electricity, grounding, extension runs; monitoring isolation, line of sight or video; site survey, setup.	
4	1/29/18	Review of acoustics and mics used for remote recording; standard studio condenser, ribbon and dynamic mics; shotgun mics; lavalier mic (condenser and electret condenser); polarity patterns	
5	2/5/18	Principles of stereo recording- near coincident, coincident, ORTF, XY, spaced; - remote kit & contents- mic stands & cables; headphones; tools; trouble shooting	
6	2/12/18	Timecode; Synchronization; Black burst; window burn, NTSC, Drop-Frame; Pro Tools Setup; Sync I/O	
7	2/19/18	<b>President's Day</b>	
8	2/26/18	<b>Mid Term Examination – Procedures; Theater sound; Technology of Film, Frame Rates, Standards - On-Line Blackboard in class</b>	
9	3/5/18	Recording systems; Self-contained; laptop systems; remote kit systems; DAW setups and operation; create Template and pre-production preparation	
10	3/12/18	<b>Spring Break</b>	
11	3/19/18	Understanding signal flow for remote recording; site survey exercise; create site drawings with all required AC outlets, rooms, access, dimensions, etc. The <b>Zoom</b> recorder; Creating a checklist; what will be needed	
12	3/26/18	Remote trucks; live pop concert recording; requirements, access, power, visual access. Stage splits, talkback and communication. Recording duplicity; analog and digital	
13	4/2/18	Academy Awards Field Trip	
14	4/9/18	Recording and playback for film; lock to picture; house sync and word clock; Connection video, LTC, word clock, AES/EBU and MIDI devices – KOCE Recording	
15	4/16/18	Practice setup; individual;	
16	4/23/18	Recording of recital	
	4/30/18	Trip to Disney Hall	
	5/7/18	<b>Final Examination 2-4:00 pm in normal classroom</b>	

### Communication:

Please make it a habit to use/check your USC E-mail account. Any E-mails I send to the class will use that account. In addition all course materials and class grades will be posted on BlackBoard (<https://blackboard.usc.edu/>). For example the course syllabus can be found under Course Information and class notes under Course Documentation.

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## **Required Textbook:**

**Recording Music on Location: Capturing the Live Performance** Paperback – May 22, 2014  
by [Bruce Bartlett](#) (Author), [Jenny Bartlett](#) (Author)

## **Disabilities:**

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m.-5:00 p.m. Monday through Friday. The phone number for DSP is 213/740-0776.

## **Class Schedule**

### **Final Exam Schedule:**

Flights home and vacation plans are not considered valid reasons for scheduling a final early - so, take care when making your plans. This is a University Policy and there are no exceptions

## **Academic Integrity**

Academic Integrity-Students are expected to adhere to the Academic Integrity Guidelines of USC as outlined in the current edition of SCampus. To ensure compliance, all papers and other work submitted for grading will be compared to an extensive database of past papers. Work found to contain plagiarized or uncited passages will be referred to the USC Office of Student Conduct for review. Academic Integrity violations will result in a failing grade for submitted material and for the course, and dismissal from the Music Industry Program for majors and minors.

## **Class Participation**

Attendance in all class sessions will be monitored and will count towards your final grade. If you are not in class you cannot participate. Because of the specialized nature of this subject, attendance and participation are critical for understanding the material and concepts covered in this class. However, missing more than two classes can lower grades proportionately. Missing more than four classes qualifies you to be dropped from the course or you can receive a grade of FAIL. If you cannot attend a class, it is your responsibility to get notes from BlackBoard or a classmate, not me. If an extenuating circumstance arises that forces you to miss more than the allowed classes, contact the instructor immediately.

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There is one mandatory recital recording and everyone must attend!

### **Academic Conduct:**

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in *SCampus* in Part B, Section 11, “Behavior Violating University Standards” <https://policy.usc.edu/scampus-part-b/>. Other forms of academic dishonesty are equally unacceptable. See additional information in *SCampus* and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct>.

### **Support Systems:**

*Student Counseling Services (SCS) - (213) 740-7711 – 24/7 on call*

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention. <https://engemannshc.usc.edu/counseling/>

*National Suicide Prevention Lifeline - 1-800-273-8255*

Provides free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week. <http://www.suicidepreventionlifeline.org>

*Relationship & Sexual Violence Prevention Services (RSVP) - (213) 740-4900 - 24/7 on call*

Free and confidential therapy services, workshops, and training for situations related to gender-based harm. <https://engemannshc.usc.edu/rsvp/>

*Sexual Assault Resource Center*

For more information about how to get help or help a survivor, rights, reporting options, and additional resources, visit the website: <http://sarc.usc.edu/>

*Office of Equity and Diversity (OED)/Title IX compliance – (213) 740-5086*

Works with faculty, staff, visitors, applicants, and students around issues of protected class. <https://equity.usc.edu/>

*Bias Assessment Response and Support*

Incidents of bias, hate crimes and microaggressions need to be reported allowing for appropriate investigation and response. <https://studentaffairs.usc.edu/bias-assessment-response-support/>

*Student Support & Advocacy – (213) 821-4710*

Assists students and families in resolving complex issues adversely affecting their success as a student EX: personal, financial, and academic. <https://studentaffairs.usc.edu/ssa/>

*Diversity at USC – <https://diversity.usc.edu/>*

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Tabs for Events, Programs and Training, Task Force (including representatives for each school), Chronology, Participate, Resources for Students

### **Final Examination Policy for all Fall and Spring Courses Scheduled in Standard Sessions**

For courses scheduled in a session that has a final examination week from December 7-14, a final examination or other final summative experience is required during the published final examination week.

Final examinations or other final summative experiences may not be scheduled during the Study Days period.

**No deviations from the published examination period are permitted** for courses scheduled in a standard session during the fall and spring semesters, unless faculty have authorization in advance from the Committee on Academic Policies and Procedures (CAPP). CAPP will not consider any faculty request for rescheduling a final examination without unanimous written consent of all students in the class. Contact the Registrar's Office (213-740-4623 or [registrar@usc.edu](mailto:registrar@usc.edu)) for the request form and procedures.

### **Student Scheduling Conflicts**

No student is permitted to omit or anticipate a final examination and no instructor is authorized to permit a student to do so.

Students should plan in advance to avoid scheduling conflicts in their final examinations. If a student is scheduled for two final examinations at the same time, the student should request to take one of the examinations on a different day or time. If a student is scheduled for more than two final examinations in one day, the student may request to take one of the exams on a different day or time. In either situation the student must contact the professors involved no later than two weeks prior to the scheduled examination date and request an accommodation. If an accommodation cannot be arranged, the student should contact USC Testing Services at [testing@usc.edu](mailto:testing@usc.edu) or (213) 740-7166 for assistance.