SYLLABUS: MuIN 499, The Recording Console

Instructor:

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Introduction to recording consoles used in music designed for records and film music synchronized to picture and music scoring procedures.

Significant objectives include:

- an understanding of important approaches to recording various types of music for film and records.
- an understanding of the history and development of consoles.
- understanding equipment requirements needed for different applications and situations.
- an appreciation of digital audio workstations control surfaces compared to analog consoles

Significant Outcomes include, but not limited to:

- Routing requirements
- Gain structure
- Workflow situations
  - Records
  - Film scoring
- Speaker configurations and uses
- Stem mixing
  - Records
  - Scoring

Requirements, Exams and Grading Information:

There will be one mid term, a final, and one course performance exam. The tests will contain mostly short answer or multiple choice. A study guide <u>may</u> be available the class meeting prior to each test. Tests must be taken during the scheduled times and cannot be made up at a later date.

Class 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.

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A number of guest speakers may come to class with information specific to the Final Project. Missing classes can prevent you from completing the project in an accurate and successful fashion. Be advised!

There will be a minimum of one field to a recording studio and possibly one trip to a scoring facilities. These will be in addition to the regularly scheduled class meetings and attendance is <u>mandatory</u> and these will be counted as class meetings. Hopefully ample time of date and times will be given so arrangements can be made with other classes, internships, etc. Attendance in all class sessions will be monitored. Missing more than <u>two</u> classes can lower grades proportionately. Missing more than <u>three</u> classes qualifies for being dropped from the course or you will receive a grade of FAIL and you must contact me before continuing.

 If you cannot attend a class, it is your responsibility to get notes from BlackBoard or a classmate. If an extenuating circumstance arises that forces you to miss more than the allowed classes, contact the instructor immediately.

GRADING SUMMARY:

1. Midterm   25%
2. Course Hands-On Exercise   30%
3. Final Exam   35%
4. Participation   10%

CLASS TEXT: Solid State Logic **SL9000J Operators Manual** (Oxford, England: 1994)

Class Handouts.

SSL 4000 Operators Manual

API 1600 Users Manual

Avid D-Control Users Guide

Avid D-Command Users Guide

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Class Schedule: Because of availability of scoring stages, studios and guest speaker schedules, the following schedule will change. These changes will be posted on Blackboard.

Meeting	Date	Topic	Reading
1	8/25/14	Introduction; Overview of the Console History	
2	8/27/14	Reading Block Diagrams	SSL 4000 & 9000 Manuals
3	9/1/14	**Labor Day**	
4	9/3/14	Patch Bays; SSL 9000J Patch	
5	9/8/14	SSL 9000J Signal Flow	
6	9/10/14	Split Console Design: API, Trident, Soundcraft, DDA	
7	9/15/14	Output Routing - Stems	
8	9/17/14	Center Section	
9	9/22/14	Center Section	
10	9/24/14	Center Section	
11	9/29/14	Center Section	
12	10/1/14	I/O Module	
13	10/6/14	I/O Module	
14	10/8/14	I/O Module	
15	10/13/14	I/O Module (con't.) **Mid Term I Examination – SSL 9000J Console; Console Design , Routing and Signal Flow; Master status; Center Section;**	
16	10/15/14	Guest Speaker; Del Bowers	
17	10/20/14	SSL Console Installation; DL, EDAC, DB25, etc. Commissioning	
18	10/22/14	Pro Tools for analog consoles; unity gain, pan, automation; I/O setup Session setup & Console Configuration; Satellite linking	
19	10/27/14	SSL 9000J Computer Operations	
20	10/29/14	SSL 9000J Computer Operations	
21	11/3/14	Computer Operations Automation Fader grouping;	
22	11/5/14	Pro Tools Workstations (con't)	
23	11/10/14	D-Control	
24	11/12/14	D-Control; November 14 Last day to Drop with a "W"	
25	11/17/14	Routing; Lloyd Stage, Mic/Lines, Video, Communication, Cue Systems; MUS 105,106,101	
26	11/19/14	Session setup	
27	11/24/14	Trip to Record Plant	
28	11/27/14	**Thanksgiving Holiday**	
29	12/1/14	Actual Session setup; recording	
30	12/3/14	Hands On Exams	
31	12/8/14	Hands On Exams	
32	12/10/14	**Final Exam 4:30-6:30**	

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Other Important Information:

Final Exam Schedule:
Flights home and vacation plans are **not** considered valid reasons for re-scheduling a final early - so, take care when making your plans.

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.

Pop Quizzes:
Occasional quizzes will be given without warning to insure that the class is keeping up with assigned reading and lectures.

Classroom Behavior:
There will be no sleeping, eating or drinking in class. **No cell phones or computers on in class**. During demonstrations and guest lecturers there will be no talking outside of the context of classroom activities. If you feel the need to talk, please step outside until you are finished. If you are asked to leave class for any reason, you must make an appointment with Erin Geisenhagen to see me and discuss the matter before you will be readmitted to class. If you are asked to leave a second time, you will not be allowed to return.

Office Hours: Mondays 2:35-4:00 pm, Wednesdays 2:35-4:00pm by email appointment in MUS 103

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.

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Bibliography

Solid State Logic **SL9000J Operators Manual**
(Oxford, England: 1994)

Solid State Logic **SL4000 Operators Manual**
(Oxford, England: 1991)

Neve 88RS User Manual Version 5.2
(London, England 2005)

API 1600 Users Manual Version 1.3
(Jessup, MD; 2009)

Avid D-Control Users Guide
(Daley City, CA)

Avid D-Command Users Guide
(Daley City, CA)

Sound for Picture - Revised Edition : The Art of Sound Design in Film and Television
Tom Kenny: Hal Leonard; 2nd edition (November 2000)
ISBN: 0872887243

Audio Post-production in Video and Film, Second Edition
Tim Amyes: Focal Press; 2nd edition (February 1999)
ISBN: 0240515420

Sound-On-Film : Interviews with Creators of Film Sound
Vincent LoBrutto: Praeger Publishers; (August 1994)
ISBN: 0275944433

Editing Digital Video : The Complete Creative and Technical Guide
Robert M. Goodman, Patrick McGrath: McGraw-Hill/TAB Electronics; Book and CD-ROM edition
(September 10, 2002)
ISBN: 0071406352

Producing Great Sound for Digital Video
Jay Rose:CMP Books; 2nd Book and CD-ROM edition (December 2002)
ISBN: 1578202086 |

Making Documentary Films and Reality Videos: A Practical Guide to Planning, Filming, and
Editing Documentaries of Real Events
Barry Hampe: Wiese, Michael Productions (September 2001)
ISBN: 0941188264

Contracts for the Film & Television Industry
Mark Litwak: Silman-James Press; 2nd Expanded edition (February 1, 1999)
ISBN: 1879505460

Complete Guide to Film Scoring
Richard Davis: Berklee Press Publications; (February 2000)
ISBN: 0634006363