

TPA2220c-0001: Stage Electronics

Theatre Department, College of Arts and Humanities

Course Syllabus

Instructor Information

- Instructor: **Adam Raine**
- Office Location: **PACT230**
- Office Hours: **Tues/Thur - 9:45am -11:45am or by appointment**
- Phone: **407-823-3862**
- Digital Contact: **adam.raine@ucf.edu**

Course Information

- Term: **Fall 2018**
- Course Number & Section: **TPA2220C-0001**
- Course Name: **Stage Electronics**
- Credit Hours: **3**
- Class Meeting Days: **Tues/Thur**
- Class Meeting Time: **12:00pm - 1:20pm**
- Class Location: **PACM-261**
- Lab Locations: **Light Lab, Theatre Building**
- Course Modality: **P (Face to Face)**

I. Welcome!

Welcome to Stage Electronics, the fun filled exciting class where you get to learn about electricity, Lights, Sound, and Projections.

II. University Course Catalog Description

Introduction to electronics for the stage, including electricity, Lighting equipment, Audio equipment and Projection Equipment

III. Course Overview

This course will give you a basic knowledge of electrical theory and safety. A foundational knowledge of the physics of light and sound as well as the equipment used in theatrical lighting, sound, and projections.

IV. Course Objectives

By the end of the course you will be able to function as a member of a lighting or sound crew for installs, troubleshooting, and strike. You will also have a general understanding of electrical theory and safety.

V. Course Prerequisites

“C” (2.0) or better in THE2081C and BFA Design and Technology or Stage Management Major.

VI. Required Texts and Materials

Books :

Gillette, J.Michael. Designing with Light: An Introduction to Stage Lighting. 6th Edition. ISBN:0073514233

Marvuglio, Tony. Live Sound Basics.ISBN:0769290558

Materials:

2x - 1 Gallon size Ziploc bag with slider closure – With First and Last Name clearly marked on Bag. USB Flash Drive of 4GB or more, Paper and Pencil: For Notes during class

Tools:

8” crescent wrench (adjustable) & Lanyard, Standard Phillips and Flat Head Screw Driver (6” long with #2 & 8-10 bits), headlamp or small led flashlight, 12’-25’ Tape Measure, Utility knife, Black Sharpie, Silver Sharpie, and a bag or holster big enough to hold the tools.

VII. (Optional) Texts and Materials

Books:

Cadena, Richard. Electricity for the Entertainment Electrician & Technician. ISBN: 041574834

Leonard, John. Theatre Sound. ISBN: 087830116X

Lebrecht, James & Kaye, Deena. Sound and Music for the Theatre ISBN: 0240810112

Tools:

Multi-tool w/ holster, Gloves for Focusing, Soldering Iron, portable fume extractor, solder, Safety Glasses.

VIII. Important Dates to Remember

Drop/Swap Deadline:	Thur. Aug 23rd
Grade Forgiveness Deadline:	Fri. Oct 26 th .
Withdrawal Deadline:	Fri. Oct 26 th .
Daylight Savings Time Ends (Fall Back)	Sun. Nov 4 th .
Thanksgiving Break:	Thu. Nov 22 nd - Sat. Nov 24 th .
Classes End	Sat. Dec 1 st .
Final Examination:	Thu. Dec 6 th . – 10:00am – 12:50pm
Grades Available:	Wed. Dec 12 th . – 12:00pm

IX. Basis for Final Grade

Assessment	Percent of Final Grade
In Class Activities & Homework	10%
Shop Hours	10%
Participation	10%
Soldering Projects	5%
Line Diagram & In Class Assembly	5%
Quizzes	5%
Test 1	10%
Test 2	10%
Test 3	10%
Test 4 – Final Exam	15%
Final Project	15%
	100%

Grading Scale %	Grade		
94-100%	A	74-77%	C
90-94%	A-	70-74%	C-
87-90%	B+	67-70%	D+
84-87%	B	64-67%	D
80-84%	B-	61-64%	D-
77-80%	C+	0-61%	F

*Note: Final Grades are not rounded; An 89.9 = B+

X. Grade Dissemination

Graded tests and materials in this course will be returned individually in a class following the assignment. Scores can be accessed at any time using UCF Webcourses. Please note that scores returned mid-semester are unofficial grades. If you need help accessing myUCF Grades, see the online tutorials at: <https://online.ucf.edu/support/>. Instructors are not responsible for any downtime and/or errors caused by Webcourses. It is suggested to keep a hard copy of all grades as the semester progresses to ensure accuracy.

XI. Course Policies: Grades

Late Work Policy: There are no make-ups for in-class projects, quizzes or exams unless due to an excused absence. In the case of an excused absence, make up work must be completed before next class meeting. Students must seek out instructors to make up the assignments before the next class meeting. Assignments are due at the beginning of class on the due date. Late assignments will be assessed a penalty of:

5% - Turned in the same day it is due

5% - A Day penalty for each additional day late.

I.e. Assignment is due on Tuesday and turned in on Tuesday at 5pm – 5% Penalty:

Turned in on Wednesday 8am – 10% Penalty

Extra Credit Policy:

Extra Credit may be offered at the instructor's discretion.

Group Work Policy:

Everyone must take part in a group project. To encourage this, Students will receive a score that is split into two sections. There will be a combined score that all members of the group will receive, as well as an individual score. This individual score assesses the individual contribution and teamwork of that student. The instructors may request scores and assessment from other members of the group to help inform their decision.

XII. Course Policies: Technology and Media:

Webcourses: This will be the primary means of communication outside of class. Please check regularly for any announcements, changes to the schedule, and updates to the syllabus.

Email:

Email will be the secondary means of communication outside of class. As per University rules, only knight's e-mail address will be allowed. Again, please check regularly for any announcements, changes to the schedule, and updates to the syllabus. Please Include the course number: TPA 2220c, in the subject line of all e-mail correspondence.

EMAILS WITHOUT THIS SUBJECT LINE TAG MAY BE IGNORED.

Electronic Device Usage:

Closed Laptop Policy: Laptops may not be used in class unless specifically told to for a specific lecture or activity. In addition, use of phones and/or smart watches for any reason during class is prohibited. Phones and other electronic devices should be turned off or silenced (non-vibrate) and placed in one's backpack or under the desk before class. Students leaving their electronic devices left on top of the desk will receive a lowering in their participation grade for that day. Smart watches or similar wearable tech MUST be taken off during any tests or quizzes or will receive an automatic 0 for that quiz/test and will be reported to Academic Conduct. All notes for the class can be taken using a Pencil and Paper (or other analogue device). A small tablet may be allowed given the following: notes can be "sketched in, the screen is placed flat on the desk while in use, the screen is under 8.5" x 11", and you sit in the back row to avoid screen distraction. Each student must get approval for said device and demonstrate the guidelines have been followed. We reserve the right to banish these devices if it suspected that any class member using a tablet is using the device for more than notes (multi-tasking) and/or it is being disruptive whether these suspicions are justified or not.

Infractions on using prohibited items will cause a lowering of their Participation Grade. This can happen without warning to the student.

Doodle Accounts:

Students are required to establish a Doodle Account to be used for scheduling using their UCF e-mail address to register. This is to ensure the only person that can edit the Doodle times is the creator of the Doodle and that student. It also allows student to check their times. It is the student's responsibility if the time they signed up for is changed due to not establishing an account.

Dropbox Accounts:

It will be necessary for all students to establish a Dropbox account to transfer files to and from the instructor. Please inform the instructor ASAP if this e-mail is not your school e-mail address. Links to the files will be posted on the individual assignment page.

Recording Devices:

Audio recorders can be used with the approval of the instructors and other course members.

XIII. Course Policies: Student Expectations

Attendance Policy:

Attendance will be taken during each period using Webcourses. Each student is allowed two excused absences to make up in-class assignments, quizzes, test, etc. Excused absences include illness with a doctor's note, university excused event, and department excused events. It is the student's responsibility to seek out the Instructors to make up in class assignments before the next regularly scheduled class.

Students should get notes from fellow students for any missed classes.

A student will be considered tardy if they are not in their seat ready to take notes and learn at the start of class. The time is determined by the Instructor's clock as the classroom clock is often incorrect. Walking in five seconds before the start of class and needing five minutes to get situated will be counted as tardy. A Tardy will receive 70% credit for that day's attendance.

Class Participation:

It is expected that while in class, a student is mentally and physically engaged in the class. To encourage this behavior, class participation points are given for each class period. Students who are distracted or causing a distraction to other students will receive partial or no credit of participation points for that class session. Loss of points may happen without warning to the student, especially with repeat offenders. Common distractions include, but are not limited to, using a non-authorized electronic device, using a cell phone, working on outside homework, and vaping during class.

Readings:

Assigned readings are to be read before the class period that they are listed. They are meant to be an introduction to the topics that will be discussed in class or a means to start the conversation. Quizzes may be inserted to ensure that the material has been read before class.

Handouts:

Handouts will be posted via Webcourses. They are meant as additional resources on the material that was discussed in class.

Quizzes:

Pop Quizzes may be given as a gauge and to ensure understanding of the material. All quizzes are timed (5-15 minutes).

Outside Homework:

Do not work on outside homework during class time. Working on Theatre Design Basics assignments during class will not be tolerated. Instructors are allowed to tear up and destroy any design basic assignments worked on during class.

Adult Content:

There may be materials and presentations in this course which express adult or controversial themes as well as strong language. It is also not uncommon to hear strong language during class and in this industry. If this presents a problem for you, please see us immediately.

Copyright/ Fair Use:

This course may contain copyright protected materials such as audio or video clips, images, text materials, etc. These items are being used with regard to the Fair Use doctrine in order to enhance the learning environment. Please do not copy, duplicate, download or distribute these items. The use of these materials is strictly reserved for this online classroom environment and your use only. All copyright materials are credited to the copyright holder.

Time Management:

All projects are introduced well in advanced to allow students to plan their time to accomplish each assignment successfully. Please take notes about the assignment when it is assigned and start working on them well in advance of the due date.

While it is great that students can find outside employment while in school, it is department policy that outside employment must not interfere with any educational activities. A Student's primary job is their education. Missing calls or assignments due to outside employment is unacceptable.

Murphy Law Prevention:

As in real life, life events can and will happen that cause unfortunate hiccups in the process. These events might include (but are not limited to) computers crashing, forgetting to save, not having ink/paper in the printer, or not finding parking. These events will happen in life and are not valid excuses for failing to turn in an assignment or showing up to class/lab on time.

XIV. Course Policies: University Student Expectations**Disability Access:**

The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. Students with disabilities who need disability-related access in this course should contact the professor as soon as possible. Students should also connect with [Student Accessibility Services](#) (Ferrell Commons 185, sas@ucf.edu, phone (407) 823-2371). Through Student Accessibility Services, a Course Accessibility Letter may be created and sent to professors, which informs faculty of potential access and accommodations that might be reasonable. Determining reasonable access and accommodations requires consideration of the course design, course learning objectives and the individual academic and course barriers experienced by the student.

Professionalism Policy:

Per university policy and classroom etiquette; mobile phones, iPods, *etc.* **must be silenced or turned off** and put away during all classroom and lab lectures. Those not heeding this rule will be asked to leave the classroom/lab immediately so as to not disrupt the learning environment. Please arrive on time for all class meetings. Students who habitually disturb the class by talking, disrupting class activities, arriving late, *etc.*, and have been warned may suffer a reduction in their final class grade. The instructors reserve the right to answer a student's phone if it rings during class.

Academic Conduct Policy:

Academic dishonesty in any form will not be tolerated. If you are uncertain as to what constitutes academic dishonesty, please consult The Golden Rule, the University of Central Florida's Student Handbook (goldenrule.sdes.ucf.edu/) as well as UCF's Rules of Conduct (<http://osc.sdes.ucf.edu/process/roc>) for further details. As in all University courses, The Golden Rule Rules of Conduct will be applied. Violations of these rules will result in a record of the infraction being placed in your file and receiving a zero on the work in question AT A MINIMUM. At the instructor's discretion, you may also receive a failing grade for the course. The University Rules of Conduct are defined in The Golden Rule Handbook section 5.0008. Any Violations will be reported to the Office of Student Conduct. The Office will then review the incident(s) and determine the appropriate next step. For more details, please consult the Golden Rule.

Religious Observances:

Students are expected to notify their instructors in advance if they intend to miss class to observe a holy day of their religious faith. For a current schedule of major religious holidays, see the Faculty Center's main web page under "calendars," and for additional information, contact the Office of Diversity Initiatives at 407-823-6479.

Financial Aid:

As of fall 2014, all faculty members are required to document students' academic activity at the beginning of each course. In order to document that you began this course, please complete the Class Introduction discussion post and Syllabus Quiz on Webcourses by the end of the first week of classes, or as soon as possible after adding the course, but no later than August 24th at 5pm. Failure to do so will result in a delay in the disbursement of your financial aid.

Grades of "Incomplete":

The current university policy concerning incomplete grades will be followed in this course. Incomplete grades are given only in situations where unexpected emergencies prevent a student from completing the course and the remaining work can be completed the next semester. Your instructor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by the end of the subsequent semester or the "I" will automatically be recorded as an "F" on your transcript.

UCF Cares:

During your UCF career, you may experience challenges including struggles with academics, finances, or your personal well-being. UCF has a multitude of resources available to all students. Please visit UCFCares.com if you are seeking resources and support, or if you are worried about a friend or classmate. Free services and information are included for a variety of student concerns, including but not limited to alcohol use, bias incidents, mental health concerns, and financial challenges. You can also e-mail ucfcares@ucf.edu with questions or for additional assistance. You can reach a UCF Cares staff member between 8 a.m. and 5 p.m. by calling 407- 823-5607. If you are in immediate distress, please call Counseling and Psychological Services to speak directly with a counselor 24/7 at 407-823-2811, or please call 911.

Campus Safety Statement

Emergencies on campus are rare, but if one should arise in our class, everyone needs to work together. Students should be aware of the surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Please make a note of the guide's physical location and consider reviewing the online version at http://emergency.ucf.edu/emergency_guide.html.
- Students should know the evacuation routes from each of their classrooms and have a plan for finding safety in case of an emergency.
- If there is a medical emergency during class, we may need to access a first aid kit or AED (Automated External Defibrillator). To learn where those items are located in this building, see <http://www.ehs.ucf.edu/workplacesafety.html> (click on link from menu on left).
- To stay informed about emergency situations, sign up to receive UCF text alerts by going to my.ucf.edu and logging in. Click on "Student Self Service" located on the left side of the screen in the tool bar, scroll down to the blue "Personal Information" heading on your Student Center screen, click on "UCF Alert," fill out the information, including your e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."
- Students with special needs related to emergency situations should speak with their instructors outside of class.
- To learn about how to manage an active-shooter situation on campus or elsewhere, consider viewing this video. [You CAN Survive an Active Shooter](https://www.youtube.com/watch?v=NIKYajEx4pk&feature=youtu.be) (<https://www.youtube.com/watch?v=NIKYajEx4pk&feature=youtu.be>)

Deployed Active Duty Military Students

If you are a deployed active duty military student and feel that you may need a special accommodation due to that unique status, please contact your instructor to discuss your circumstances.

FERPA :

The Family Educational Rights and Privacy Act (FERPA) of 1974 stipulates that student records (including grades) be kept confidential. This has ramifications for many faculty functions, including a requirement that grades be posted securely. Among other things, this restricts communicating Grades through e-mail, Telephone, and to 3rd parties which includes Parents. For more details: <http://registrar.ucf.edu/ferpa>

XV. Lift Training

The University will pay for you to acquire Genie Lift and Personal Fall Protection Certification. Certification is REQUIRED to pass Stage Electronics and lasts 3 years. If you have any issues with the date, please let us know ASAP. Absence from this training is not acceptable and will result in failure in Stage Electronics and Stagecraft 1. This is a 4 to 7-hour class on a Saturday at the beginning of the semester, or an Online Class with an In person Demonstration of safety procedures and Guidelines. More Information will be given the 1st week of Class.

XVI. Shop Hours

This course is designed to teach how to become effective members of a Lighting/Audio Crew. As such, you will be required to put in Lab time to gain experience in these areas. All Students are required to sign up for all the Lighting calls (Hang, Troubleshoot, Focus, and Notes as scheduled by Production Management and the Master Electrician) for one of the three shows and one four-hour audio call. The schedule is subject to change as needs arise, please check the web courses for updated information.

Clothing:

It is expected that students wear clothing appropriate to work during call. Clothing should be comfortable and allow for movement but not baggy enough to catch on things. Hang positions are dusty, so it is suggested to wear clothing that is ok to get stained. Tennis shoes or steel toed shoes in good condition are recommended. Absolutely no sandals, flats, or other similar footwear. Hair should be tied back and put under shirts while in a harness. It is also recommended to take off any loose jewelry. Cell phones must be left in a student's locker during the duration of a call. Students can and will be sent home for wearing inappropriate clothing and earn a 0 for that call.

Lateness/ Absence:

It is expected that all students show up for calls on time and ready to work when scheduled. Students walking in and not ready with their tool at the start time will be considered late. Any time lost due to lateness or absence cannot be made up. If a student is late, they will receive a penalty as follows to their call grade:

0-5 =10% off

6-10 =20% off

10-15 =30% off

16-20 =50% off

20+ =100% off

XVII. Light Lab

During the semester the Light Lab will be used for various projects. This is a shared space and does require the respect of each and every student to maintain the space.

General:

Students are expected to clean up after themselves while working in the light lab. While food and drink are allowed in the room, they are not allowed while using the computer/ Light Consoles. It is expected that students follow proper procedures as instructed during class to turn the systems on and off. All students are responsible to keep the space clean, even if the debris was not created by the student. It is also expected that every student is cleaned-up and exiting the room BEFORE their scheduled time is up. Violators to this may find their lab time limited and/or reduction in their project grades.

Signup:

A Doodle poll will be posted to sign up for a Lab time within the first few weeks of class. The Instructors will then assign a time for the student based upon this Doodle poll.

Releasing Hours:

Out of courtesy of others who may need lab time, if you cannot or do not need to use your lab time, we request that you mark the studio time sheet (located on the outside of the Light Lab) with the word “free”, the date it will be free, and your initials in your slot. Please mark the schedule at least 24 hours in advance.

Additional Hours:

You may sign up for one additional slot per week if any are available. Be certain to put your name and the date of additional studio time on the sheet. Example: Raine 8/31

The Schedule for the Following week will be posted on Friday to allow for sign-up. Releasing your regular hours does not allow you to sign up for a secondary slot Please, DO NOT sign up for others to be fair to all classmates. The Lab can be used on an unofficial first come-first served basis during non-assigned hours.

Production Needs:

Students may need to be moved from their regularly scheduled hours due to production needs to another open lab time.

Dark Hours:

The Light lab is Dark between Midnight and 6 AM when the building is closed. No student is allowed in the PAC during this period. This both allows the equipment and students to rest. Students caught using the light lab between this time may find their light lab assignments and final grade lowered.

XVIII. Computer Lab

General Usage:

Computers in the Computer lab are to be used for classroom work only. Please do not use them to watch the latest cute cat video or socialize on Facebook. Students should not be in the Computer lab if a class is in session and they are not part of that class.

Food and Drink:

There is no food or drink permitted in the classroom. However, water contained within a sealable lid will be permitted. There is to be no eating inside of the computer lab.

Headphone Usage:

Headphones should be used at all times while in the Computer lab to help not disturb others. Please purchase and make use of a splitter if wanting to have two persons listen to the same mix. Please feel free to kindly tell any student not adhering to this rule to please use headphones while working and inform us if this request is not listened to. The space is a shared space and we need to respect each other's work.

XIX. Soldering Workbench

The Soldering Workbench in the E-shop will be available to use during the semester during the regular work hours of the Audio Instructor. This is normally 10am – 4pm depending on the production schedule. Production needs may limit the availability of the Soldering Workbench. The workbench may also be used during off hours at the discretion of the instructors. The privilege of using the workbench may be rescinded at any time due to students not following proper procedures. This includes but is not limited to students not properly shutting down and cleaning up the Workbench after use.

Students will be able to check-out one of two Soldering kit bags containing the needed equipment to complete the Soldering projects. These will be available on a first come-first served basis to be used at the Soldering Workbench and should not be removed from E-Shop. The student is responsible for all the tools contained in the bag and need to check-in the bag to the instructor after use. Students using the equipment after-hours will lock the bag in one of the Stage Electronics Lockers.

Any missing equipment will need to be replaced by the student before the due date of the assignment otherwise face a reduction of score depending on number of tools missing (Min. 10%). Any missing equipment from the bag must be replaced by the end of the semester or the student will receive an F for the class.

XX. Sound Effect/Music Library

Sound Studio Drives Students are welcome and should make use of the Sound Effect/Music Libraries contained in the Sound Studio.

Portable Hard Drives

In addition, Students will be able to check-out one of two of the Sound Effect/Music Libraries depending on availability. Similar to the Soldering Materials, these devices must be checked-out and Checked-in to the Audio instructor. Hard drives can be checked-out for a 24-hour period. There is a late fee of 1% to the overall grade of the project for not Checking-in the Drives in on time. Any damage to the hard drives is the responsibility of the Student and must be repaired/ replaced or face a reduction in that assignment's score (Min. 15%). Any damage must be repaired/replaced before the end of the semester or the student will receive an incomplete for the class.

Limits to access

Access to both these devices may be restricted due to normal Production Events. It's best to inquire about the availability and schedule time with the Audio instructor to use either device.

XXI. Asking Questions

Students are encouraged and expected to ask questions both during and after class for any and all material. It would be better to ask a "stupid" question than to be confused about the material. It is the responsibility of the student to seek out the instructors to ensure understanding of the material.

Questions about assignments should be asked as early as possible. Questions will not be answered about any assignment or test within 48-hours of its due date. Please do not wait till the night before to do the assignment and expect an answer to a question at 3am in the morning.

XXII. Class Schedule

Date	Day	Topic	Project Assigned	Project Due	Quiz/Test	Readings Due
8/21	Tues	Syllabus/Class Intro	Webcourse Blog / Syllabus Test Tool Kit			
8/23	Thur	Controllable Qualities of Light/Func. Of Stage Light		Webcourse Blog		G – Ch. 1&2
8/28	Tues	Lighting Instruments/ Lenses and Reflectors		Crew Assign. Tool Kit		G – Ch. 4
8/30*	Thur	Hang/Focus Training				MAIN STAGE
9/4*	Tues	Reading Plots and Paperwork				G – Ch. 15
9/6*	Thur	Connectors/Wiring-LX				G – Ch. 3&5
9/11	Tues	Soldering 101	Soldering 1-4			
9/13	Thur	Connectors/Electricity				Review G-Ch3
9/18	Tues	Electricity			Review	
9/20	Thur	Test 1 - Lighting			Test 1	
9/25	Tues	Intro To LX Board	Intro to LX Board			Light Lab
9/27	Thur	Color		Soldering 1		G – Ch. 8
10/2	Tues	Microphones, Input Devices,				M – Ch. 6
10/4	Thur	Speakers & Amplifiers		Intro to LX Board		M – Ch. 3&4
10/9	Tues	Mixers				M – Ch. 2
10/11	Thur	Q Lab Intro – Audio –	Final Project	Soldering 2	Review	M – Ch. 1
10/16	Tues	Test 2 - Audio		I	Test 2	
10/18	Thur	Low Voltage/D.C./Props				
10/23	Tues	Lighting Maintenance				Light Lab
10/25	Thur	Theatre Networks/System Diagrams				
10/30	Tues	LX Board Demo for Final Project				Light Lab
11/1	Thur	Putting it Together/ Paperwork	Line Diagram/ System Diagram		Review	M – Ch. 5&7
11/6	Tues	Test 3		Soldering 3	Test 3	
11/8	Thur	Assemble System in Class		Line Diagram/ System Diagram		M – Ch. 8 Light Lab
11/13	Tues	Projections	Proj. Calculation			G – Ch. 9
11/15	Thur	Projections		Proj. Calculation		
11/20	Tues	Q Lab – Video /Media Servers Demo				Light Lab
11/22	Thur	Thanksgiving – NO CLASS				
11/27	Tues	Review Day				
11/29	Thur	Final Exam		Soldering 4	Final Exam	
12/6	Thur	Project Presentations	10 am– 12:50pm			Light Lab

* Adam Raine will not be available for in Person Office Hours on these dates–Contact via Email with questions

** The Syllabus is subject to change by the Instructor. Any Changes will be communicated in the class and via course email (Webcourses) Please Check Email Regularly.

G = Gillette, Michael – Designing with Light M = Marvuglio, Tony – Live Sound Basics

XXIII. Hang/Focus Schedule

Show	Description	Who?	Date	Day	Start	End
N/A	Lift Training	Everyone	8/25	Sat	9:00 AM	TBA
She Kills Monsters	Hang and Circuit	ME + Crew	9/5	Wed	5:00 pm	9:45 pm
	Hang and Circuit	ME + Crew	9/6	Thur	5:00 pm	9:45 pm
	Hang and Circuit – Troubleshoot/Tech Setup/Clean	ME + Crew	9/7	Fri	5:00 pm	9:45 pm
	Focus	ME + Crew	9/8	Sat	10:00 am	10:00 pm
	Focus	LD + ME + Crew	9/9	Sun	10:00 am	10:00 pm
	Notes	LD + ME + Crew	TBD	TBD	TBD	TBD
	Strike Gel, Gobos and Accesories	ME + Crew	9/30	Sun	4:30 pm	7:30 pm
	Finish Strike	ME + Crew	10/1	Mon	5:00 pm	9:45 pm
Hot Mikado	Hang and Circuit	ME + Crew	9/26	Wed	5:00 pm	9:45 pm
	Hang and Circuit	ME + Crew	9/27	Thur	5:00 pm	9:45 pm
	Hang and Circuit – Troubleshoot/Tech Setup/Clean	ME + Crew	9/28	Fri	5:00 pm	9:45 pm
	Focus	ME + Crew	9/29	Sat	10:00 am	10:00 pm
	Focus	LD + ME + Crew	9/30	Sun	10:00 am	10:00 pm
	Notes	LD + ME + Crew	TBD	TBD	TBD	TBD
	Strike Gel, Gobos and Accesories	ME + Crew	10/21	Sun	4:30 pm	7:30 pm
	Finish Strike	ME + Crew	10/22	Mon	5:00 pm	9:45 pm
Of Mice and Men	Hang and Circuit	ME + Crew	10/24	Wed	5:00 pm	9:45 pm
	Hang and Circuit	ME + Crew	10/25	Thur	5:00 pm	9:45 pm
	Hang and Circuit – Troubleshoot/Tech Setup/Clean	ME + Crew	10/26	Fri	5:00 pm	9:45 pm
	Focus	ME + Crew	10/27	Sat	10:00 am	10:00 pm
	Focus	LD + ME + Crew	10/28	Sun	10:00 am	10:00 pm
	Notes	LD + ME + Crew	TBD	TBD	TBD	TBD
	Strike Gel, Gobos and Accesories	ME + Crew	11/18	Sun	4:30 pm	7:30 pm
	Finish Strike	ME + Crew	11/19	Mon	5:00 pm	9:45 pm

- **Note: The Schedule is Subject to Change**

XXIV. Audio Calls

Date	Day	Time	Show	Description	
8/27					

- **Note: The Schedule is Subject to Change**

XXV. Syllabus

This Syllabus has been built upon and changed over the past few semesters and the work of past faculty Members. I have also done some adaptations. This Syllabus is not entirely my own language.