

THRE 3163: Programming & Advanced Electrical Production

FALL 2014

Section 2: TU 2:30-3:45pm, Classroom BL02, FA12, + Scene Shop

Instructors:

Office:

Office Hours:

Email:

Required Text:

Electricity for the Entertainment Electrician & Technician, 2nd Edition

by Richard Cadena

ISBN:978-0-415-71483-9

Stage Rigging Handbook, 3rd Edition

by Jay O. Glerum

ISBN:978-0-8093-2741-6

Course Prerequisites: THRE1702, Stage Lighting I; THRE1741, Lighting Lab;
THRE1603, Tech Drawing for Theatre

Course Objectives:

- Student will build on knowledge gained in THRE1702 concerning advanced stage lighting practices.
- Student will learn and practice the skills needed to perform the job of master electrician.
- Student will learn basics of theatrical rigging and counterweight systems, so as to be able to safely utilize such equipment.
- Student will learn how to create and maintain paperwork associated with lighting of staged productions.
- Student will hone marketable skills and best practices so as to increase viability in job market.

Email, Course Information, and Acceptable Practices, Classtime Format

-All email contact between professor and student is only to take place via the OCU email system. There is no other acceptable method of contact for this course. Make sure to check your email daily, as you will be made aware of changes in schedule, location, and any other valuable information via your OCU student email (janedoe.stu@okcu.edu, for example). Facebook, Twitter, text messages, or any other contact format are unacceptable, and will be disregarded.

-Some of our in-class time meeting sessions may occur via digital real-time communication. You are expected to participate in these sessions.

Accommodations for Students with Special Needs:

-If you believe that you need accommodations for a documented physical, psychiatric, or learning disability, please contact the Disabilities Services Coordinator at (405) 208-5090 for an appointment to discuss your needs and the process for requesting accommodations. The Student Disabilities Services Coordinator is responsible for coordinating disability-related accommodations and will issue students a documented Access Plan, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact the Student Disabilities Services Coordinator as soon as possible. To speak with me about other concerns, such as medical emergencies or arrangements in case of a building evacuation, please make an appointment as soon as possible. My office location and hours are included in this syllabus.

Preventing Sexual Harassment

-Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds, including federal loans and grants. Title IX also prohibits student-to-student sexual harassment. If you encounter unlawful sexual harassment or gender-based discrimination, please talk with your professor or with the Title IX Coordinator at 405-208-5075. Visit <http://www.okcu.edu/hr/titleIX/> for more information.

Academic Honesty Policy:

Academic honesty is required in all aspects of a student's relationship with the university. Academic dishonesty may not be course-specific and includes falsification or misrepresentation of a student's academic progress, status, or ability, including, but not limited to, false or altered transcripts, letters of recommendation, registration or advising forms, or other documents related to the student's academic career at Oklahoma City University or other colleges or universities. Students are personally responsible for the correctness and accuracy of information supplied to the university. Any student who knowingly gives incorrect information to the university is subject to disciplinary action that may lead to suspension.

Students are advised that cheating and plagiarism are not tolerated. The university expects all students to maintain a high standard of ethics in their academic activities. In this context, forms of academic dishonesty include, but are not limited to, cheating on tests, examinations or other class/laboratory work; involvement in plagiarism (the appropriation of another's work and/or the

unacknowledged incorporation of that work in one's own); collusion (the unauthorized collaboration with another person); misrepresentation of actions; and falsifying information.

On-Stage Sessions:

-Most class sessions will be held in the Black Box, Burg, or Kirkpatrick Theatres to gain experience in hanging, cabling, focusing, and working hands-on with theatrical lighting instrumentation and equipment. You are expected to dress appropriately for these class sessions. Please see section on appropriate attire below. Additionally, some class sessions will occur in off-campus theatres and rental shops. Students are expected to dress in shop attire for these class sessions.

Appropriate On-Stage Attire and Footwear:

-You must wear closed-toe, closed-heel, hard-soled shoes when we are doing lab or practical work. For example, ballet flats, Ugg boots, rain boots, Crocs, Toms, and clogs are NOT considered appropriate footwear. You must wear socks that cover the ankle, and your shoe must have all toes in one compartment.

-Long pants are required at all times in the Scene Shop and Theatres. Preferably pants of a sturdy material, such as jeans. Sweatpants, tights, and leggings are not acceptable.

-Safety Precautions such as removing dangling jewelry, removing of hats, pulling back hair, and securing loose clothing must be practiced at all times.

Required Materials:

These materials are required for this course.

****Note:** If you are financially unable to acquire these items, please see professor early in semester to make arrangements.**

- Personal or Student License of Lightwright 5 (Available from BMI Supply for about \$100)
- Personal or Student License of Vectorworks 2014 (Student copy is free from Nemetschek North Am.)
- Multi-Meter (Minimum requirement is Cat II. If you can afford a Cat III True RMS Meter, please purchase one.)
- 8" or 10" Adjustable Crescent Wrench
- Basic Wire Strippers
- Multi-Screwdriver
- Flashlight
- Multi-Tool
- Architect's Scale (MAKE SURE IT SAYS "ARCHITECT" ON IT)
- 1/4" Field Lighting Template by Steve Shelley (You can purchase one from me for \$15)
- Pencils (regular cheap #2 pencils)
- Colored Pencils (Cheap set of 8 will be fine)
- Set of Highlighters (at least 4 colors)
- Silver Sharpie, White Paint Pen, or White China Marker

Grade Distribution:

-Class Participation and Positive Att.	20%
-Prepped Show File: Express Offline	6%
-Prepped Show File: Gio Offline	6%
-LW Prep Work: Color, Temp, Units	4%
-Balance of Power	5%
-Acronym Reporting	6%
-Adaptor Project	5%
-Quiz: Knot Tying	6%
-Quiz: Counterweight Systems	6%
-Prepped Plot + Paperwork	7%
-Completed Shop Order + Color Order	7%
-Quiz: Electrical Theory + Math	6%
-Quiz: Electrical Safety	6%
-Research Projects	10%

Grading System:

A	93-100%	A-	90-92%	B+	87-89%	B	83-86%
B-	80-82%	C+	77-79%	C	73-76%	C-	70-72%
D+	67-69%	D	63-66%	D-	60-62%	F	below 60%

Expectation of Writing Skill:

- You will be graded on the content of your writing as well as your writing skill. Proofreading and rewriting of your papers is important. While this is not a Composition or Grammar course, it is expected that you will put effort and time into composing grammatically correct, proofread, and well-thought-out papers.
- It is expected that you will follow MLA formatting in your writing.

Incomplete Course Policy:

- Please see page 34 of the Undergrad. Catalog for the Incomplete Course policy.

Required Reading:

- Readings listed on Class Schedule should be completed prior to the start of the class under which they are listed. (Readings for first class should also be completed by start of second class meeting.)
- Handouts and additional materials will be given out or posted online at least one class session prior to the class for which they will be used. They must be read before the start of the assigned class meeting.

Lateness, Absenteeism, Class Cancellation, and Make-Up Work Policy:

- You are expected to be prompt for class and prompt with assignments, as attendance is taken at the **start** of class time. If you are not present when the instructor takes attendance, you will be counted 'Late.' If you are more than ten minutes late to a class, you will be counted absent. Also, please note that your final grade will be affected if you exhibit lateness or absenteeism.
- You have embarked on a journey of higher learning. As a professor, I take this very seriously, as I am dedicated to my industry and dedicated to your pursuit of knowledge. Students are expected to be prompt for class and prompt with assignments. You are now required to be responsible for your sleep schedule and waking habits. Please know that if you attempt to sleep through this class, you will be asked to leave and will be counted absent for that class period.
- Your attendance in THRE3163 is mandatory, and you are expected to be ready to participate at the beginning of each class. You are allowed **TWO** unexcused absences in this class before your grade is directly affected. This does not mean that I encourage you to skip class. Any absences will have an indirect impact on your coursework and assignments.
- For each additional unexcused absence, you will receive a **5% deduction** from the final grade for this course. For every two class sessions that you are tardy, you will be assigned one unexcused absence. If you accumulate more than five total unexcused absences, you automatically fail this course.
- It is your responsibility to attend all class sessions, regardless of their location unless prevented by a genuine emergency. If you need to miss a class session due to an organized University, Department, or College activity, you must let the instructor know in advance with an official University notice.
- In the event of an unexpected class cancellation, all students will be notified as early as possible via their OCU email address. If the professor is not present at the beginning of scheduled class time, please wait ten minutes. If the professor has not shown up or notified you by ten minutes after the scheduled start of class, you may be dismissed.
- If you are ill, miss class, and present a DOCTOR'S STATEMENT attesting to your illness, then you may avoid grade deductions. It is your sole responsibility to obtain from classmates any handouts, notes, or other information that may be disbursed during a class period that is missed.
- Papers, projects, and assignments turned in late receive an automatic 20% markdown from the scored grade.
- Any assignments that are due in a class period that you miss for an unexcused reason will still be considered due in that class session and will be considered late if not turned in when they are due.

Emergency Instructions:

- In case of severe weather, when in BL02, exit the classroom and go to the North Lower Level Hallway (Practice Room Area). When in the Black Box, Burg, or Kirkpatrick Theatre, go downstairs to the hallway adjacent to Cathy Cesar's office.

-In case of fire, when in BL02, exit the classroom, ascend the stairs in front of the door, and exit the building to the lawn to the East of the Bass Music Center (Meinder's Lawn). When in one of the theatres, exit from the nearest exit and gather on the lawn to the East of the Bass Music Center (Meinder's Lawn).