

Bergen Community College
Division of Business, Arts and Social Sciences.
Department of Performing Arts

Course Syllabus

Stage Lighting - THR-231

Basic Information about Course and Instructor:

Semester and Year:
Course and Section Number: THR-231-xxx
Meeting Times and Locations:

Instructor:
Office Location:
Phone:
Departmental Secretary:
Office Hours:
Email Address:

Course Description:

Stage Lighting is designed to familiarize the student with the fundamental skills requisite to actualizing lighting designs. Emphasis is given to the identification, use, and maintenance of equipment, as well as to basic electrical theory and practice. Special attention is given to basic theories and aesthetics of light as a design element.

2 Lecture, 2 Laboratory [3 Credits]
Prerequisite: THR131

Student Learning Objectives:

As a result of meeting the requirements of this course, students will be able to

1. Comprehend and apply the fundamental safety procedures required when working with electricity
2. Demonstrate knowledge of basic electrical theory and generation.
3. Identify the general variety and types of stage lighting instruments.
4. Demonstrate a working knowledge and some experience in the assembly, hanging, and focusing procedures typically used in the operation of stage lighting instruments.
5. Demonstrate an understanding of the theory and operation of lighting dimmers.
6. Demonstrate an understanding of the theory and operation of lighting control boards.
7. Demonstrate an understanding of the basic data and networking systems used in entertainment lighting
8. Program and run selected cues and sequences using the available BCC lighting control boards.
9. Comprehend of all paperwork necessary in actualizing lighting designs.
10. Read and apply the information contained in a light plot and lighting section drawing.
11. Function as a productive member of a lighting crew for load-in, hanging, and focusing.

In support of the above-mentioned goals, the course will include reading, writing, listening, and discussion assignments from the textbook and from theatre productions. In support of practical application of class material there will also be substantial hand-on activities in workshop and current entertainment events. Students are encouraged to take active student leadership roles in the college's theatre productions.

Means of Assessment:

1. Student knowledge of safe and acceptable standards when doing electrical work in the entertainment industry will be determined through in-class examinations and demonstrations.
2. Student's knowledge of electrical theory and its application in the entertainment industry will be determined through in-class and examinations, as well as, actual hands-on work in our theatre facilities.
3. Student ability to identify, install, and properly operate theatrical lighting equipment will be determined through practical demonstration in the theatre environment.
4. Student ability to read, understand, and evaluate the paperwork involved in lighting design will be determined through in-class examinations and hands-on work in current theatre productions.
5. A student's ability to function as a participating and productive member of a lighting crew will be determined through assigned group work in the college's theatre spaces

Course Content:

Stage Lighting is designed to familiarize the student with the fundamental skills requisite to actualizing lighting designs. Emphasis is given to the identification, use, and maintenance of equipment, as well as to basic electrical theory and practice. Special attention is given to basic theories and aesthetics of light as a design element.

Technological Literacy:

Technological literacy and/or information literacy is one expectation of this course. Students will need to use such technology as the internet and system networking to demonstrate their knowledge of stage lighting.

Course Texts and/or Other Study Materials:

Required Text: Stagecraft Fundamentals; A Guide and Reference for Theatrical Production, Rita Kogler Carver, Routledge, 3rd edition, 2019

Grading Policy:

Exams ¹	30%
Successful Production and/or Crew Work on BCC Productions ²	25%
Two BCC Theatre Reaction Papers ³	20%
Homework & Quizzes ⁴	15%
Class Participation ⁵	10%
Total:	100%

¹ 3 Exams (5%, 10%, and 15%)

² Due to the hands-on nature of this class it is required that all students work hours in addition to scheduled class hours. Generally, students will be assigned to a running crew position for a minimum of one show, or another suitable project.

³ Reaction Papers will be assigned for each of the two BCC theatre productions.

⁴ Homework includes take home quizzes and other assignments.

⁵ Participation: You are expected to participate in this class. You should come to class with any homework assignments completed and be prepared to ask questions and share your ideas. Students who do not participate or come to class unprepared will lose credit towards their final grade.

Attendance Policy:

The **BCC Attendance Policy** states that all students are expected to attend punctually every scheduled meeting of each course in which they are registered. **You are allowed two (2) unexcused absences.** More than two unexcused absences will result in a grade reduction and possibly a failing grade for the class. **You are required to sign an attendance sheet at the beginning of each class session.**

Lateness:

It is understood that there are times that unforeseen circumstances result in being late for class. On the other hand, students who are chronically late disrupt and negatively affect participation by other class members. Chronic lateness (for class or required crew work) will negatively affect your class participation and homework grade. This will result in a reduction of your Final Grade!

Bergen Community College Academic Policies:

Bergen Community College is committed to academic integrity – the honest, fair and continuing pursuit of knowledge, free from fraud or deception. Please review the college catalogue or student handbook for further information on this topic.

Bergen Community College has adopted an internal grievance procedure to provide for prompt and equitable resolution of complaints alleging any action prohibited by federal regulation implementing Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990. (ADA). Please review the college catalogue for further information on this topic.

Bergen Community College is committed to providing its students and employees with an academic and work environment free from sexual harassment or discrimination. Please review the policy prohibiting sexual harassment in the college catalog.

Please review the statement on acceptable use of BCC technology in the college catalog.

Academic Support Services:

Bergen Community College provides many valuable services for students.

The Henry and Edith Cerullo Learning Assistance Center (CLAC)

- Tutoring Center (L-125)
- Writing Center (L-125)
- Math & Science Walk-In Center (L-131)
- English Language Resources Center (C-212)
- Testing & Tutoring at the Meadowlands Campus (LYN-202)

The twice award-winning Cerullo Learning Assistance Center offers the following free tutorial services to currently enrolled Bergen Community College students.

- One-on-One Appointments
- Drop-in Assistance
- Writing Walk-In
- Reading Comprehension
- Supplemental Instruction (SI)
- In-Class/In-Lab Tutoring
- Study Groups
- Permanent Appointments
- Online Tutoring: *Smarthinking*
- Workshops
- Intercultural Conversation Partners (ICP)

Along with helping you with specific subjects, the CLAC also can help you improve your academic self-confidence!

You can visit the CLAC in **Room L-125 in the Pitkin Education Center**, or call **201-879-7489**.

The BCC Library:

Bergen Community College has an excellent library with outstanding staff. In addition to the physical materials (books, magazines, videos, etc.) available in the library students with a current ID number can access a broad range of electronic databases by going to the library website at:

<http://www.bergen.edu/library>

THR-231 – Sample Weekly Calendar

WEEK	AREA OF STUDY	LEARNING OBJECTIVES	Readings	ASSIGNMENTS
1	Introduction to Lighting	1		
2	Lighting Instruments: Fresnels and Ellipsoidals – Photometrics - Hanging	3	To Be Announced	
3	Lighting Instruments (cont.) - Cables	3, 4	To Be Announced	
4	Light Plots Production Week for <i>Show #1</i>	3, 4, 9, 10, 11	To Be Announced	Production Work Show #1 Review for Exam #1
5	<i>Show #1</i> Production Run	9, 11		Exam #1 First Paper Due
6	Electrical Power & Distribution	1, 2	To Be Announced	Strike Lighting for Show #1
7	Lighting Control	1, 2, 5	To Be Announced	
	NO CLASSES Possible Lighting Crew	11		Spring Break
8	Production Week for <i>Show #2</i>	1, 2, 5	To Be Announced	Production Work Show #1 Review for Exam #2
9	<i>Show #2</i> Production Run	6, 8		Exam #2
10	Restore Light Plot in Ciccone Theatre	11	To Be Announced	Strike Lighting for Show #1
11	Automated Lighting	3, 8	To Be Announced	Second Paper Due
12	Creating Light Cues	7, 8	To Be Announced	
13	Lighting Work for Theatre Production Workshop	1, 3, 4, 6, 8, 10, 11	To Be Announced	Review for Exam #3
14	Restore Lighting in Lab Theatre	1, 3, 4, 11		Exam #3
15	End of Term Lighting Work in Lab Theatre			

This calendar is subject to change due to the flexible schedule of production/crew work.

All assignments will be confirmed in class. If you are absent be sure to contact another member of the class to find out what you may have missed and what the assignment is.