

THEA 232 - LIGHTING AND SOUND I - SPRING 2012

Instructors: W. David Wheeler
Offices: 166 PT (Scene Shop)
Phone: 831-5838
Email: dwheeler@radford.edu
Office Hours: By Appointment Only
Text: Scene Design and Stage Lighting, 9th edition by Parker, Wolf and Block

Week #1 1/16

MLK DAY – No Class
Introduction and Tour
Tour continued

Week #2 1/23

Electricity
Electricity cont.
Instruments

Week #3 1/30

Instruments cont.
Hang and Focus procedures and exercise (**Must bring 8" wrench to class**)
Hang and Focus exercise cont.

Week #4 2/6

Lenses and Lamps
Cables and Connectors
Lighting Control

***Hang begins for Prairie**

Week #5 2/13

Review Terms
Dimmers
Lighting Mid-term Exam

Lighting Terms Due (2 copies)

Week #6 2/20

Controllable Properties and Functions of Lighting Design
Nature of Sound
Microphones

***See Prairie**

Week #7 2/27

Input Sources and Signal Processing
Amplifiers and Speakers
Mixers and Control Consoles (in the Booth)

Prairie Review Due

*******SPRING BREAK 3/5-3/13*******

Week #8 3/12

Review Terms
Cables and Connectors
Sound System Set-up Exercise

Sound Terms Due (2 copies)

Week #9 3/19

Digital Sound
Digital sound recording/editing demo
The Design Process / Concepts
3/25 – Forum Strike (after 2pm show)

***See Forum
Sound Project Assigned
Take-home Sound Exam Assigned**

Week #10 3/26

****NO CLASS – USITT NATIONAL CONFERENCE****

Week #11 4/2

Lighting Color Theory
Concepts and Lighting Research
Procedures for Lighting Design Graphics

**Sound Take-home Exam due
“Forum” Review Due**

Week #12 4/9

Procedures for Lighting Design Graphics(con't)
Research to Lighting Keys
Lighting Keys and Lighting Acting Areas

Sound Project due

Week #13 4/16

Creating a Light Plot
Creating a Light Plot (con't)
Lighting Paperwork and Cueing

Assign Lighting Project

Week #14 4/23

Lighting Project - Work in Class Day
Lighting Project - Work in Class Day
Exam Review

Lighting Project DUE

Exam: 8:00 a.m. Monday, April 30

Grade Breakdown:

#1	Terms	5%
#2	In-Class Participation	5%
#3	Out of Class Crew Hours - 30 hours needed <u>Must attend all STRIKES</u>	10%
#4	Lighting Project	15%
#5	Sound Project	5%
#6	Reviews of the RU Mainstage and Studio Productions	10%
#7	Lighting Exam	15%
#8	Sound Exam	10%
#9	Final Exam	25%

Production Dates for Required Design Critiques / Reviews:

<u><i>Voice of the Prairie</i></u>	(Lighting)	2/22-2/25
<u><i>A Funny Thing Happened...Forum</i></u>	(Lighting and Sound)	3/22-3/25

You will write a Design Critique (Review), 2 pg minimum, for each of the above productions.

**ALL REVIEWS DUE THE WEDS CLASS PERIOD
FOLLOWING THE CLOSE OF THE PRODUCTION**

PLAN AHEAD...

If you are unable to see a show due to casting or a crew assignment, please contact me to identify an alternate performance early in the semester. Ultimately, it is your responsibility to find and alternate performance that I agree to.

Supplies Needed:

Bring an 8" adjustable wrench with a safety chain to all classes.

1/4" scale lighting template

Drafting mechanical pencil with metal tip. (0.5mm with HB lead).

Blank 18"x 24" drafting vellum.

Blank CD required for the sound project.

Attendance policy:

You are required to attend all classes. Role will be taken each class period. You are given three (3) unexcused absences maximum. You will lose 5% for each cut over three (3). A grade of "F" will be assigned after (6) unexcused absences. THERE ARE NO EXCUSED ABSENCES. All athletes must submit documentation of away games prior to the game. If you are tardy you will be marked late. 2 tardies = 1 absence.

***ALL THEATRE MAJORS:* you are required to attend all departmental meetings and all strikes. Your grade will be reduced 5 points for each meeting missed unless excused PRIOR to the meeting.**

University Honor Statement

By accepting admission to Radford University, each student makes a commitment to understand support, and abide by the University Honor Code without compromise or exception. Violations of academic integrity will not be tolerated. This class will be conducted in strict observance of the Honor Code. Refer to your Student Handbook for details.