

CLASSICAL MAGNET SCHOOL

non scholae sed vitae discimus

Light & Sound

	September	October	November	December	January
Textbook	A traditional textbook is not used for this course.				
Other Major Readings	<i>Backstage Handbook</i> by Paul Carter <i>Lighting Design</i> by Interactive Educational Video LLC		<i>Lighting for Theatre</i> by Interactive Educational Video LLC <i>Audio for Theatre</i> by Interactive Educational Video LLC		
Overarching Essential Questions	How do we turn a written script into a theatrical performance? How do light and sound elements influence a production?		How do colors and lights 'speak'?		
Essential Questions	Why is theatrical lighting important? How is theatrical lighting different then regular lighting?	How is theatrical sound control different from what is used at home?	What must the sound & electricians crews do to get ready for a show? How does the role of designer & that of crew head differ?	Why must we dismantle what we just recently hung?	
CT Content Standards for Theatre	Standard 3: Students will design and produce the technical aspects of theatre by conceptualizing and realizing artistic interpretations. Specifically, students will be able to explain the physical & chemical properties of the technical aspects of theatre (including how light is reflected, refracted, and seen, how sound travels and is heard, & drawing maps and figures to scale), analyze a variety of dramatic texts to determine production requirements, develop designs that clearly support the text, apply technical knowledge & skills to collaboratively & safely create functional scenery, properties, lighting, sound, costumes & makeup; & design coherent stage management, promotional & business practices				
Major Skills	<ul style="list-style-type: none"> Differentiation of Lighting Instruments Focusing of Lighting Instruments Light board Usage 	<ul style="list-style-type: none"> Sound Console Usage Sound System Hook Up 	<ul style="list-style-type: none"> Creating and programming sound cues Programming and running Sound System Loading Light Cues 	<ul style="list-style-type: none"> Strike of Lighting and Sound Equipment 	
Themes/ Topics	<ul style="list-style-type: none"> Reasons for Lighting a Stage Controllable Qualities of Light Lighting Units & Their Parts Basic Lighting Design Theory Instrument Schedules Patching & Cueing 	<ul style="list-style-type: none"> Components of Sound & Audio Systems Microphones Sound Console Usage Playback formats Amps & Speakers Connectors & Cabling 	<ul style="list-style-type: none"> Light Cue decisions Loading Light Cues Performance 	<ul style="list-style-type: none"> Performance/ Strike 	
Field Trips	Field trips and guest speakers will vary from year to year and depend on the theatrical productions being performed at area theatres at the time.				
Coached Projects	<ul style="list-style-type: none"> Students will reset the repertory plot in the Black Box Theatre. 	<ul style="list-style-type: none"> Students will re-focus the lighting units for the semester's production Students will load light cues for the semester's production Students will prep all sound equipment for the semester's production 			<ul style="list-style-type: none"> Strike of Lighting and Sound Equipment
Seminars	Seminars will vary from year to year depending on the theatrical productions attended.				

