**ENT 4450 - Lighting Design Fall 2021**

*The order of lectures and labs may be changed during the course of the semester. Every effort will be made to inform the class of changes a week ahead of time.*

| ENT4450 LIGHTING DESIGN FALL-2020 CALENDAR | | | | | | |
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| # |  | DATE | CLASS TOPIC | Blackboard  Content | Main Design Project | Assignments  HW |
| **1** | **F** | **8/27** | **Introduction**  **Conventional Fixtures Review**  -Class Introduction  -Lighting Conventional Fixtures for Live Entertainment  review and discuss | **Week 1 Folder**  **Lighting Lab #1**  Lighting Fixtures | Explain Percentages for grading the Main Project | **Blackboard**  -Read Chapter 19 from Concert Lighting  (On Blackboard)  -Take the quiz1: Lighting Fixtures  -Read Quality and Functions Of Light by Durham |
| **Conventional Fixtures Lab**  -Student Presentations  -Review/ Demo |
|  | **F** | **9/3** | **NO CLASSES SCHEDULE** | | | |
| **2** | **F** | **9/10** | **Lighting Intro**  -Properties of light - Review  -Distribution - Lecture  -Lighting Positions at Voorhees Theater. | **Week 2 Folder**  **Lighting Lab # 2** | -Band Project assigned  -Explain Document’s exchange process for Band Project | -Setup Dropbox account  -Finish **Clip Light Olympics** Lab  -Find Video of Band Performing Live to post on discussion board  -Read Lighting angles from Mark Keller’s Book |
| **Lighting Intro Lab**  -Examples of Lighting Positions exercise **Clip Light Olympics**  -Finding the right angle |
| **3** | **F** | **9/17** | **Lighting Brightness**  -Review Examples Lighting using angles intentionally, Theater, Music, Film, etc | **Week 3 Folder**  **-**Lecture onIntensity  -Documents  -Links  **Lighting Lab # 3**  Brightness |  | -Complete Band General Information in the discussion board  -Quizz # 2  -Complete Download of VW |
| **Light and Brightness Lab**  -Foot Candles and Lumens  -Review and discuss Clip Light Olympics lab submissions |
| **4** | **F** | **9/24** | **The Lighting Design Process**  Approaches to Lighting for Different types of Live Entertainment.  -Live Music, examples  -Theater, Examples  -Fashion, Examples,  -TV and Video, Examples | **Week 4 Folder**  **-**Lecture  -Documents  -Links  **Lighting Lab # 4**  -WV intro Lab | -Develop Stage Plot for Band Project  -Students present and review Videos from selected bands | * Add stage Plot (PDF) and details from Band Assignment to the discussion board * Finish VW template document with Title Block and upload in Dropbox * Finish drafting Voorhees theater outline in VW and post it on Dropbox |
| **Lighting Lab # 5**  **VW Design Lab**  -Title Block and setting paper sheets in VW  -Drafting the Voorhees Theater |
| **5** | **F** | **10/1** | **Photometrics 101**  -Photometrics Intro -Lecture  -Fixture Beam diameter and Inverse Square Law Demonstration | **Week 5 Folder**  **-**Lecture onPhotometrics  -Documents  -Links  **Lighting Lab # 5**  Photometrics | Develop a Stage plot for the Band Project with Band members and scenery elements | **Blackboard**  -Complete Photometrics assignment |
| **Lighting Lab # 4 Photometrics**  -Photometrics assignment  Student Propose a Convenient Front Light System and demonstrate fixture degree choices |
| **6** | **F** | **10/8** | **Lighting Systems**  -Approaches to create lighting systems for Live Entertainment  -Lighting Fixtures: Moving Lights and LEDs | **Week 6 Folder**  **-**Lecture  -Documents  -Links  **Lighting Lab # 6**  Create Lighting systems for **Band Project in class** | Create Lighting systems for **Band Project** | -Post Lighting systems to Dropbox and make corrections based on feedback |
| **Lighting Lab # 6**  Lighting Systems Lab |
| **7** | **F** | **10/15** | **The Lighting Plot and The Lighting Section**  -Drafting the Light Plot Intro  -Importance of the Lighting Section | **Week 7 Folder**  -Documents  -Links  **Lighting Lab # 7**  -VW template assigned  -Basic plot assign | Design Lab - VW  Template | -Choose 5 songs for the Band Project  -Choose Pictures |
| **Lighting Lab # 7**  Vectorworks  -Drafting the Voorhees Theater Lighting positions  -Drafting the Lighting Section |
| **8** | **F** | **10/22** | **Color and Light** | **Week 8 Folder**  -**Lecture** *Color and Light*  -**Reading**  *Clifton Taylor, Color and Light Ch1 why color?*  -Links Article,Ideas [ted.com](http://ted.com) [how color helps a movie tell its story](https://ideas.ted.com/how-color-helps-a-movie-tell-its-story/) | Colors schemes assigned for 5 songs using 5 related pictures | -Assign Script to read  -Virtual swatch book from Rosco  <https://us.rosco.com/en/mycolor>  -Video, Lee Filters [How Color works](https://www.youtube.com/watch?v=TzIF1w4j1k0)  -Rosco gels, [How to properly choose a color filter](https://www.rosco.com/spectrum/index.php/2016/04/how-to-properly-choose-a-color-filter/) |
| **Lighting Lab #8**  -Color Applications Lab  -Generating Color Schemes |
| **9** | **F** | **10/29** | **Lighting for Theater**  -Concept analysis  -Lighting requirements (the Laundry List)  -Lighting Approaches to Great Ideas  -Subjective Vs Objective responses | **Week 9 Folder**  **-Lecture-Concept**  -Documents  -Links  **Lighting Lab # 9**  -Create a laundry list  -Provide a list of details useful for the Design like Time, place, characters, existent situations, conveyed emotions, etc | Choosing Lighting Fixtures | -Finish and correct Laundry List and other information |
| **Lighting Lab # 9**  Dissecting a script |
| **10** | **F** | **11/5** | **Lighting for Theater 2**  The Cue List  Examples of Cue lists | **Week 10 Folder**  -Documents  -Links  -**Videos,**  -[Lightwright Intro](https://www.youtube.com/watch?v=_gsLVrw-hq0&list=PLeFi_pQNju9yLaOsP8oq1RkcfQruswc2d&index=7&t=0s)  -[Reading a Light Plot](https://www.youtube.com/watch?time_continue=231&v=glIQawMWvjM&feature=emb_logo)  **Lighting Lab # 9**  Cue lists | LW Intro Tutorial | Download LW  Quiz # 3 |
| **Lighting Lab # 10**  Creating a Cue List based on a script |
| **11** | **F** | **11/12** | **The Drawing package**  -The Instrument schedule and the Channel Hook up  -Lightwright Intro tutorial | **Week 11 Folder Reading**  -The Instrument Schedule and -Channel Hook up, *Steven Shelley*  - Links to examples   * Videos   **Lighting Lab #11**  Develop Paperwork | Develop Paperwork for Band Project | Finish Instrument schedule and a channel hook up for the Band Project and post them on Dropbox |
| **Lighting Lab #11**  -Develop an instrument schedule  -Develop a Channel Hookup |
| **12** | **F** | **11/19** | **The Drawing package** **2**  -Magic sheets  -The Shop Order | **Week 12 Folder**  **Reading**  *-Magic Sheets*  **Reading,**  *-The complete Shop Order, Mc Kernon*  **Video,**  -VW Tutorials  -Class conference  **Lighting Lab #12**  Develop Paperwork 2 | Develop Paperwork for Band Project | Finish Magic Sheets and Shop Orders for the Band Project and post them on Dropbox |
| **Lighting Lab #12**  -Develop Magic Sheet  -Develop a Shop Order |
|  | **F** | **11/26** | **NO CLASSES SCHEDULE** | | | |
| **13** | **F** | **12/3** | **Cueing a Music show**  Exploration of Music to develop lighting Cues | **Week 13 Folder**  **Reading,**  [PLSN Magazine Marc 2020 featured Tours](https://plsn.com/category/archives/march-2020/)  **Lighting Lab #13**  Develop a Cue list | Develop a Lighting cue List for one of the selected songs | Finish Cue List and post it on Dropbox  Quiz #4 |
| **Lighting Lab #13**  -Develop a Cue list for a song |
| **14** | **F** | **12/10** | **VW Renderworks**  **Take Final Test**  **Paperwork Due in Dropbox** | **Week 14 Folder**  **-**Documents  -Tutorials  -Links  **Lighting Lab #14**  VW Renderworks | Band Project Renders | -Finish Renders  -Build presentation |
| **Lighting Lab #14**  -Develop a Render |
| **15** | **F** | **12/17** | **Final Presentations**  **Review-Test** | Grades | Final Presentations |  |
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