**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 | BlackboardContent | Main Design Project | AssignmentsHW |
| **1** | **F** | **8/27** | **Introduction** **Conventional Fixtures Review** -Class Introduction -Lighting Conventional Fixtures for Live Entertainmentreview 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
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| **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 - VWTemplate | -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 ListExamples 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 LWQuiz # 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 DropboxQuiz #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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