

Draft Presentation Outline

Yucheng Lu, Lighting/Electrical
Faculty Adviser: Dr. Shawn Good

For my final thesis presentation, I am planning to include topics list as follow:

1. Introduction (Self Introduction, Building Introduction and Concept Introduction) – 5 Slides

In the beginning of the presentation, I will spend time to introduce myself, my building and my design concept. Self-Introduction can take one page, while building & concept introduction should take 2 pages each.

2. Façade (Lighting Depth, Architectural Breadth) – 6 Slides

Façade section talks about my design criteria and process about façade lighting system, which is part of the lighting depth work. This will take 4 slides. 2 more slide will be included to talk about my architectural breadth, which focused on alternation of façade texture.

3. Classroom (Lighting Depth, MAE Daylight Breadth) – 6 Slides

For classroom I will talk about lighting criteria and design for lighting depth, which should take 4 slides, and 2 more slides talks about daylighting analysis used to evaluate skylight efficiency.

4. Lobby (Lighting Depth, MAE Daylight Breadth, Electrical Depth) – 7 Slides

4 slides will be used to present the lighting design for lobby space. For electrical breadth, electrical lighting control strategy as well as circuiting, load calculation will be mentioned for electrical depth. This will take about 3 slides.

5. Theater (Lighting Depth, Acoustic Breadth) – 5 Slides

4 slides will be used to discuss about lighting design in theater space. One slide might be added to mention my work for acoustical breadth.

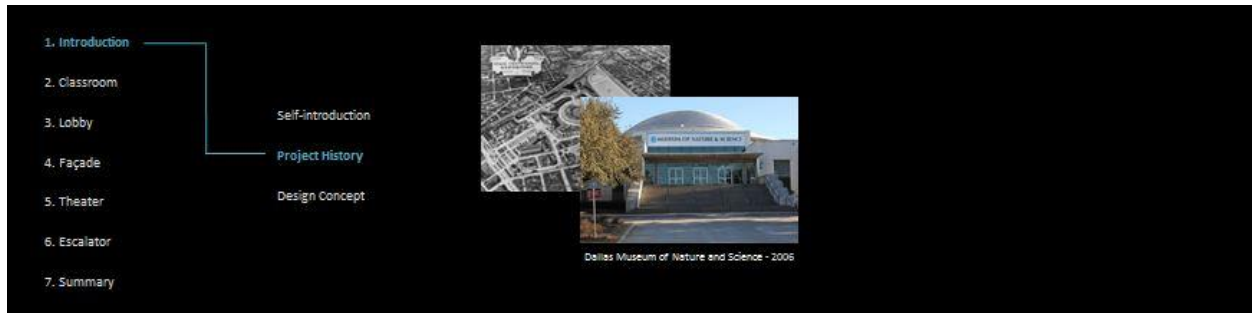
6. Escalator (Lighting Depth) – 2 Slides

2 slides will be used to discuss about lighting design for my extra escalator chamber.

7. Summary (Conclusion, Acknowledgement) – 3 Slides

2 slides will be used to summarize the project and one slide will be used to list acknowledgement.

In total, I plan to have 34 slides.



Here is a sample title screen, all major sections will be listed on the left end of the screen, with subtitles on its right further clarify current topic.



Since most of my spaces covers more than one criteria(depth or breadth), I arranged a bar on the bottom right corner highlighting the breadth and depth being talked about.



For daylight analysis, I typically use a Daysim analyze to show the solar gain distribution, with original floor plan on its side so audience can be more clear about what they are looking



AGI32 rendering will be often used to show design outcome, with pseudo color render explains lighting distribution.