

Senior Thesis Presentation Outline (~ 23 Slides)

- Title page with necessary information (1)
- Background information page (1)
  - Architecture, MEP-FP systems, etc.
- Outline of presentation (1)
  - Lighting redesign
    - Plaza
    - Lobby
    - Auditorium
    - Classroom
  - Electrical redesign
    - Central transformer
    - Bus duct
    - Motor control center
  - Mechanical breadth
    - Daylighting analysis
    - Lobby glass reflectance issues
  - Construction management breadth
    - Cost analysis
      - Electrical redesign
      - Mechanical system in lobby
- Plaza lighting concept/Design criteria (1)
  - Rendering of the plaza area (1)
- Lobby lighting concept/Design criteria (1)
  - Rendering of lobby 1 (1)
  - Rendering of lobby 2 (1)
- Auditorium lighting concept/Design criteria (1)
  - Auditorium controls (1)
  - Rendering of auditorium 1 (1)
  - Rendering of auditorium 2 (1)
- Central transformer versus Individual transformers
  - Background/Solution of problem (1)
  - Calculations??
  - Cost Analysis (1)
  - Is this feasible?
- Bus duct versus individual feeders
  - Background/Solution of problem (1)
  - Calculations??
  - Cost analysis/feasibility (1)
- Motor control center
  - Background/Solution of problem (1)
  - Calculations??
  - Cost analysis/feasibility (1)
- Lobby Mechanical Analysis
  - Daylighting analysis (2)
  - Background/Solution to problem (1)
  - Cost analysis/feasibility (1)
- Conclusions to Senior Thesis (1)