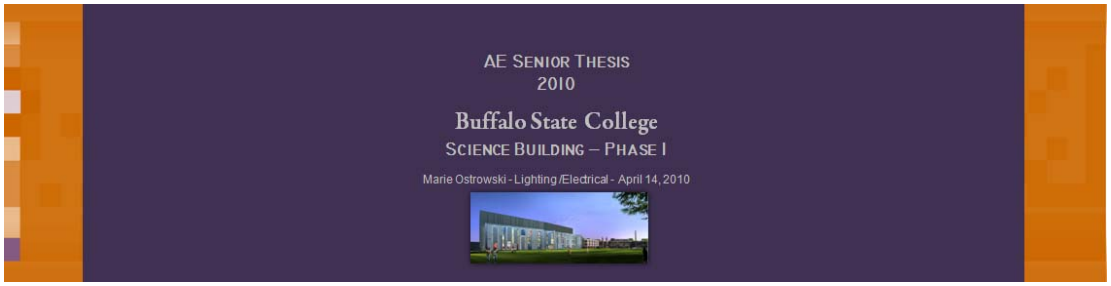
Marie Ostrowski
Lighting/Electrical
Dr. Richard Mistrick
Science Building – Phase 1
Buffalo State College - Buffalo, NY
Friday, March 26, 2010
Presentation Outline



TOTAL PROJECTED NUMBER OF SLIDES: 18
Honors Option will not be presented
Introduction & Project Overview (2)
- Site
- Building Statistics/Project Background

Lighting Depth (7 All together)
- Description of Spaces
- Overall Concepts
  - Working Space (2)
    - Goals, Criteria, Materials , Layout, Performance Analysis
  - Special Purpose (2)
    - Goals, Criteria, Materials , Layout, Performance Analysis
  - Atrium (2)
    - Goals, Criteria, Materials , Layout, Performance Analysis

Daylighting – MAE (2)
- Existing Design
  - Available Daylight, AGI Measurements, Daysim Measurements
- Proposed Redesign
  - Electric Light Integration, Performance/Energy Savings Summary

Mechanical Breadth (2)
- Toplighting Impact on Heating/Cooling Loads: Procedure, Trace Model Inputs, Results and Analysis

Electrical Depth – One (2)
- MCC Design: Existing Distribution, Procedure, Manufacturers/Components, Results, Analysis

Acoustical Depth (1)
- Existing Materials and Performance, Proposed Substitutes,Analysis and Comparison

Project Summary (1)
- Summary of Redesign Evaluations

Closing Remarks (1)