Michael Kostick
AE Senior Thesis
Final Presentation Outline
March 26, 2012

1. Title Page – (**1 slide**)
    a. Personal Introduction
2. Presentation Outline (**1 slide**)
3. Building Introduction (**2 slides**)
    a. Discuss site location, surroundings, orientation (images)
    b. Building Statistics & Images
4. Existing Structural Systems (**2-3 slides**)
    a. Gravity System
    b. Lateral System
    c. Foundation
5. Thesis Proposal & Goals (**1 slide**)
    a. Clearly state proposal and expected outcomes
    b. Include MAE coursework
6. Structural Depth (10 slides total)
    a. Solution to Proposal (**1 slide**)
        i. Explain steps to the conclusion (Action Plan)
    b. Gravity System Redesign (**2 Slides**)
        i. Images of Gravity System (Floor Plan)
    c. Lateral System Redesign (**2 Slides**)
        i. Incorporate MAE Requirements (Images – ETABS Lateral System)
    d. Progressive Collapse Design (**3 Slides**)
        i. Incorporate MAE Requirements (Images – SAP Alternative Path Analysis)
    e. Final Solution / Outcome (**2 Slides**)
        i. Discuss Final design - Include floor plans & details
7. Risk Mitigation / Site Redesign Breadth – (**4 slides**)
    a. Discuss original site (images)
    b. Propose new solutions & outcome (images)
8. Building Envelope / Heat Transfer Breadth – (**3-4 slides**)
    a. Discuss Original NE Glazed Curtain Wall (image)
    b. Propose new requirements
    c. Discuss solution & outcomes (image)
9. Conclusions (**1 slide**)
10. Acknowledgements (**1 slide**)
11. Questions / Comments (**1 slide**)
12. Reference Material (Unknown Number)
    a. Not part of presentation

Time Permitting

Total Slides = 27 – 29