**Outcome:** Students will complete a comprehensive capstone design project in a team environment and submit a professional report describing that project.

**Lecture:** Lecture to review and Discuss:

1. Design Process Steps
   1. Scope
   2. Background/Research
   3. Options
   4. Decision Matrix
   5. Conclusion
2. Capstone Project Description
   1. Resourcefulness techniques
   2. Project Management Techniques
   3. Developing a Healthy Group Environment for Development
3. Capstone Project Deliverables Overview
   1. Report
   2. Presentation
   3. Working Model
   4. Binder

**Homework:**

* Individual Design Project – to learn and apply the design process
* Capstone Project – Report, Presentation, Working Model, Binder
* Capstone Project Individual Reflection Memo
* Capstone Project Report Layout and Formatting

**Documentation:**

1. Individual Design Project.doc
2. Individual Design Project Rubric.excel
3. Capstone Project Description.doc
4. Capstone Project Component Overview.doc
5. Capstone Project Report Layout and Formatting.doc

**Assessment:**

1. Individual Design Project
2. Final Capstone Project Report, Presentation, Working Model, Binder
3. Capstone Project Individual Reflection Memo