**Semester Project Assignment: An Integrated View of the Glendale Landscape**

Develop and communicate your group’s idea of “landscape” at the Glendale Shoals Preserve. Be sure that a range of spatial and temporal scales are represented. Choose a theme to help your group focus. You might consider: Disturbance, Lawson’s Fork Creek, Glendale Village, Biodiversity… or you could contextualize (using the categories below) one of our field exercises as a theme.

Address each major category as you develop your presentation. Some possible approaches are listed.

***A. Landscape interactions***

• Interactions among lithosphere, atmosphere, hydrosphere, biosphere, anthrosphere

• Flows within the landscape (energy, water, elemental cycles)

• The Glendale landscape in relation to the regional setting

***B. Landscape history***

• Geologic history and development of the landscape

• The past and present influence of Lawson’s Fork Creek on the landscape

• Human impacts on the landscape

***C. Life and the landscape***

• Habitats at Glendale Shoals Preserve

• Relationships among organisms within the landscape

• Life through time

***D. Perspectives and communication***

• Representing the landscape and its components (conceptual diagrams, graphs, photos)

• Perspectives and communication styles (natural sciences, social sciences, humanities)

• Communicating for different scales (spatial and temporal)

Use data collected in the field to support your choices. You may include data collected during the semester, but you should also collect new data as a group. There will be three lab periods available for conceptual development, data collection, and project synthesis.

A 30-minute digital presentation will be required of each team. You may use PowerPoint or Illustrator or another software program of your choice. Present three poster-style slides: an overview, and two supporting slides. You should develop each slide as a self-sufficient poster that could be understood on its own, but all of your slides should, together, form a thematic whole.

**Format requirements:**

Set the digital paper size to 24” x 36” horizontal for the overview slide, and 18” x 24” vertical for each supporting slide. **Minimum** font size: 18 point. Section titles should use a larger font than text blocks. The poster title should be a larger font than section titles. Each slide must include at least one conceptual diagram and several other graphical components (such as graphs, photographs, sketches).

**Deadlines**

Week 3: Idea for theme with explanation

Week 5: Individual progress report #1

Week 8: Individual progress report #2

Week 9: Plan for additional data collection

Week 11: Poster layout and plan for completing missing aspects

Week 13: Draft

Week 14: Presentations