

SPACE Curriculum Design Project

July 15 – July 20, 2007

Name: _____

During the workshop we expect you to create new teaching materials. We anticipate that you will produce your own materials, but encourage you to consult with others and work collaboratively. The following questions are designed to help you prepare your project presentation.

Which specific topic will you address?

For which course(s) will you use the materials you design at this workshop?

How will this element fit with and complement other elements of the course curriculum?

How does this course fit in the context of your department or discipline?

Which dataset(s) will the activity be based on?

Currently have _____

Need to acquire _____

Which type(s) of curriculum element will you design?

- Lecture materials
- Demonstration of spatial application
- Lab activity
- Homework activity or student project
- Other _____

How much course time (in hours) will the activity(ies) require?

- Lecture _____
- Lab _____

- Student work outside of class _____

What are the specific student learning goals for this curriculum element?

- Content _____
- Reasoning/thinking skills _____
- Technical skills _____

You may also wish to complete the Teaching Goals Inventory (Angelo & Cross) found at <http://www.uiowa.edu/~centeach/tgi/background.html> to aid in your curriculum development.

How will you assess student learning for this curriculum element?

- Project (writing/presentation) assignment with grading criteria
- Test questions (MC, short answer, essay)
- Homework questions
- Class discussion questions
- Other _____

Work timeline: Daily debriefing time will be available for questions/debugging.

	Projected Tasks	Projected Materials Completed
Monday		
Tuesday		
Wednesday		
Thursday		

Friday presentation title:

- 8 minute presentation; 4 minute Q & A
- maximum of 10 PowerPoint slides