Name(s):

MA110 – Mathematical Explorations – Spring 2014
Original Sliceform

Grading Rubric:

Timely completion of an appropriately detailed proposal and creation of test templates

> Your proposal should clearly identify the object you will model, explain why you have chosen this object to model, describe how you plan on designing the slices, and make it clear that you have thought out all design issues sufficiently that you will be able to complete the project. As part of your proposal you must create test templates for your model. These will not be part of your final sliceform, rather examples to illustrate that your design plans are robust.

Creativity in choice of object to model, materials, and design

> This will be based on your original choice of object, any adjustments to your model from my comments or during the implementation of the design strategies, as well as the final sliceform model.

Appropriate design of sliceform slices

> Mathematical correctness, appropriate scale, mechanically appropriate, aesthetically pleasing, etc.

Completeness of final sliceform model

Care in construction of sliceform model

> Model should collapse easily, should stay together well, be constructed with parallel slices, etc.

Accuracy of sliceform in modeling actual object

Neutral grade is an 80 (i.e. a B-). In each of the six categories, a √ is neutral, a + increases the overall grade by 4 points, a – decreases the grade by 4 points, and an × decreases the grade by 8 points.

Grading Rubric:

Timely completion of an appropriately detailed proposal ____

Creativity in choice of object to model, materials, and design ____

Appropriate design of sliceform slices ____

Completeness of final sliceform model ____

Care in construction of sliceform model ____

Accuracy of sliceform in modeling actual object ____

Grade: _____

Key: Neutral grade is an 80 (i.e. a B-). In each of the six categories a √ is neutral, a + increases the overall grade by 4 points, a – decreases the grade by 4 points, and an × decreases the grade by 8 points.