Assignment 06

Due Thursday, June 27

DO

Machine a surface into a 23.75" x 15.75" x 3" piece of white EPS foam. You can derive the surface from a grasshopper definition or a DEM terrain model.

MATERIALS

23.75" x 15.75" x 3" piece of white EPS foam

TOOLS

0.5" diameter ball end mill, greater than 3in cutting length

TOOLPATH

Use a parallel finishing pass w/o roughing

CONSIDERATIONS

 - Fixture the foam on the machine with double stick tape on a scrap
   piece of MDF.
 - Do not cut deeper than 2.5"
 - Foam is already cut for you. It's in our project storage area.
 - You can find examples in the CLASS06 folder in the repository
 - Use the Flashcut-Precix-Inch-V3 post processor in the repository

DELIVERABLES

Rhino model, code, physical object, photo documentation.

Questions or comments? Email <bbalogh@iit.edu>