Semester Project Schedule & Grading
2005

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**Documentation:**

Word Document showing five images similar to those shown on page 11 of the TV Remote Generic Notes_05 document. These images are of the model tree with the shaded part, a no hidden representation (no display of tangent lines at same size and orientation), surface connections and a reflection analysis.

**Discussion:** Lessons learned up to this point. Problems and solutions to issues that you have encountered.

**Final Surfaces, Model ready to print**

3/24

25

**Documentation**

Word document showing:

1) Your finished model with a slope check (page 12), front end connections (page 13), reflection and model tree with shaded and no hidden representation (page 14).
2) The “top” surface and draft check similar to the last two images on page 4, Part II.
3) A draft check of the top surface and button tops (10) similar to the middle image on page 3, Part III.
4) Style curves, Style surface and Shaded curvature plot similar to all three images shown on page 6, Part III.
5) Model tree and completed model similar to page 8, Part III.

One detail drawing (full size) showing the principle views with overall reference dimensions. Note that the instructor needs to check the clay model against the detail drawing, so make sure you bring the clay model to class!

**Discussion:** Additional lessons learned. Problems and solutions to issues that you have encountered.

In addition, e-mail the singular Word document generated above to drf6@psu.edu.

**Z402/Clay model match**

3/31
**Laser Scan documentation** 4/7 10
Convert your laser scan to surface geometry using Pixform.
Documentation:
Word document showing:
1) Merged shells and end shell; three images similar to page 4, Using the Roland LPX-250 Scanner.....
2) Shell/Deviation analysis similar to the second image on page 5.
3) Model tree and part showing surfaces similar to last image on page 13.
4) Model tree and part showing result of iges import in Pro/E similar to the last image on page 14.
5) Model tree and no hidden Pro/E solid with cross section (no display of tangent lines) similar to the image on page 15.

Discussion: Additional lessons learned. Problems and solutions to issues that you have encountered.

In addition, e-mail the singular Word document generated above to drf6@psu.edu.

**Tool Path Documentation** 4/21 20
Required: Roughing, surface and trajectory milling operations with tool changes.
Documentation: Screen images from VERICUT for each NC sequence (cumulative).

In addition, e-mail the singular Word document generated above to drf6@psu.edu.

**Haas VMC model** 5/4 20

**Project summary and write up** 5/4 5
Documentation - TBA

Total 100