

09-24 Class Update: Applied Technology

Applied Technology Class Update

Assignments, Workflow, and Grading

With only four or five class periods left in the quarter, students must manage their time effectively. The daily goal is to start either the kitchen or house project; being still on the polygon assignment by the end of class is a concern. A perfect score of **150 out of 150** is achievable for students who work diligently, produce a decent-looking kitchen, and complete most or all of the final house project.

- **Assignment 1: AutoCAD 9 (Polygons):** Students must ask Mr. Burkhardt to grade this assignment as soon as it is completed.
- **Assignment 2: Kitchen Project:** This should be started immediately after the polygon assignment. It is expected to take approximately two class periods.
- **Assignment 3: House Project (Final):** Following the kitchen project, this will leave three to four class periods for the final house project.

Technical Guidance and Classroom Procedures

The class period is a dedicated work session. Students may listen to music with headphones, but phones must be placed in backpacks afterward. Students are reminded to save their work frequently.

- **Login Issues:** The issue preventing students from logging into ChatGPT has been resolved. Students should now use the "Connect with the team with Google" option with their school credentials.
- **Hatching with Patterns:** The final house project requires patterns like stonework or brick. The hatch command will fail if the boundary is not closed. The preferred solution is to ensure all boundaries are closed using tools like rectangle and polygon with snap to corners enabled. Alternatively, the gap tolerance setting can be set to a small number (e.g., 1) to prevent the hatch from "flooding" the screen.
- **Dimensioning:** When working on the kitchen, the default dimension text and arrowheads may be too small. Use the `dims` command to increase their size. Instructions for creating "blue dims" can be found in the AutoCAD 4, problem 1 assignment.

- ****Other Commands:****The `scale` and `mirror` commands are useful for creating and adjusting components like cabinet handles.