

Tasks	May 20	May 21	May 22	May 23	May 24	May 25	May 26	May 27	May 28	May 29	May 30	May 31	June 1	June 2	June 3
Sketches and Proposal															
Concept approval															
CAD															
3D Printing															
Mold prep															
Casting mold															
Acrylic Casting Sample by Client															
Documentation															
Final Presentation															
Materials	Have	Need													
PLA															
Plaster (greenstone)															
Silicon															
primer															
Acrylic*															
Wire*															
Epoxy															
*Client has this															

Proposal: Create a mold to cast acrylic samples for Hawley retainers. These would be used in and Othordontist's office for patiece to choose colors and styles. I would work closely with the "retainer artist" to create a mold to their specifications and needs. They would test the mold using the same process to cast the acrylic orthodontic appliances.

Time Contingency: I have built in extra days in the middle of this project for misprints, multiple prints, preparing and finishing prints for casting. This is where I have spent the majority of time will working in this class so far. My wife is the "retainer artist" or Dental Tech at an orthodontist's office and has expended the lab at her office to include acrylic appliances. I have direct access to the client and collaborative opportunities to discuss needs and preferences.

Material Contingency: My main concern is whether my client will be able to create samples in time. If it comes to this I can mimic the acrylic material with epoxy and possibly even sugar to show how the molds design will function with opaque and translucent materials.