

Antikythera Reengineered

Client Interview

Client: Graduate student Alex Olson



Desired Client Objectives: For this project the client Alex is looking to get this device operational. This will include the remanufacture of multiple parts including the device frames, specific gears, the design and manufacture of two parallel shaft couplings. The final state of the project will be a working Antikythera device in an appealing redesigned fashion. This may include a nice display case or clever method of showing off the project.

Client Questions:

- 1.) When is our Project Due Date?
- 2.) How much is our total budget?
- 3.) Can we use steel if needed?
- 4.) Can we use aluminum if needed?
- 5.) What are our size restrictions?
- 6.) Can we use wood to engrave the spiral on the bottom?
- 7.) How important is the lunar phase gear at the end?
- 8.) Where are metal stamps to label the gears?
- 9.) Is the book the best place to find the Greek dates to convert them to the modern date?
- 10.) What are the most important tasks to complete?
- 11.) Can we laser cut for prototypes?
- 12.) How long can we extend the axle?
- 13.) How should we cut the acrylic?
- 14.) How did you cut the gears?

- 15.) Can we upgrade bearings to prevent wobble?
- 16.) Where did you buy the axle?
- 17.) Where did you buy acrylic?
- 18.) What is Odom's role in this?
- 19.) Should we laser cut the calendar spiral into gears? Or cnc?
- 20.) What planet relates to each gear train?
- 21.) What issues do we need to solve?