

2) How will you describe attributes and drawbacks?

By Ergonomics, Features, Ink lifetime, and value for money.

3) How will you sketch three (3) separate designs that will work with the kit but still be markedly different?

Trace and modify three pens to be shaped different.

4) How do you make the pen match your design exactly?

Organize my desires in a list and draw a prototype model.

5) What would an instrument look like to collect data about the match of design, ergonomics, and craftsmanship of the pen? (This instrument is to be developed by the class in a timely fashion so it can be utilized for peer evaluations.)

The usage of AutoCad to design a standard pen for the use of a control group to be compared to the pens of the other students.

6) How do you finish your pen so it indicates a level of craftsmanship that you will want to pass the pen to progeny or friend?

I will finish the pen by adding polish and sanding the wood, I will coat it with super glue and ensure the ink flows smoothly and pen is operable.

### Pen Design and Realization Design Brief Grading Rubric

#### Pen Design Planning (Class Work Grade)

Five (5) different commercial pens are sketched 12	0	3	6	<del>9</del>
Five (5) comparison charts are completed for each pen 12	0	3	6	9
Comparison charts are utilized to create a list of desires in a pen. 15	<del>MISSING</del>	<del>0</del>	5	10
Ergonomic features are described in writing to defend your list. 15	0	5	10	
Three (3) unique designs are sketched for the pen kit 15		0	5	10