Blue Print Project:
The Goals of this project are to introduce a relatively simple alternative process where paper or some other support is made light sensitive and contact printed to create a blue print, or Cyanotype.
The Cyanotype was invented by Sir John Herschel in 1942. It uses Potassium Ferricyanide and Ferric Ammonium Citrate. It is a POP process (printing out process) that must be contact printed in the sun or high UV light. It needs only to be washed to make permanent.

To begin the process, two solutions are prepared for the two-part sensitizing process. Variations of the original formula involve different ratios of the following chemicals:
(1) Potassium ferricyanide and
(2) Ferric ammonium citrate (green).
Too much potassium ferricyanide in the solution will lower printing speed; too little may cause the blue color to bleed into the lighter areas. Basically equal volumes of the two solutions are used. Solutions may be stored for several months in amber glass bottles - avoid bottles with metal caps.

Solution A:
- Ferric Ammonium Citrate 200 gm.
- Distilled Water to make 1000 ml.

Solution B:
- Potassium Ferricyanide 160 gm.
- Distilled Water to make 1000 ml.

Possible Ways to make prints and images.
- 35 mm produces very small images - ok if you like them small
- Medium Format - Holga Cameras to check out
- Santa Barbara Pinhole Camera - 4 x 5 negatives
- View Camera - 4 x 5 negatives
- OPM - scan neg and print on OPM (There is special OPM for laser and inkjet printers.)
- Print a positive and copy (copier) - make a negative on OPM (will produce a negative image.
- Cliché Verre - A 19th century process - hybrid of photography and printmaking. Use Plexiglas as support. Opaque Black paint - sprayed or scratched for hand details and collaging techniques.
- Simple compositions usually work best.

The number of prints you will produce depends on the route you take. If you are using small negatives produce more than two. If, however, you are spending more time creating your enlarged negatives, or Cliché Verre, you need only produce one or two prints. Presentation is to be in a form appropriate for the prints. Turn in negatives and finished work in an envelope.