

HOLOGRAPHY III

Holography III is designed to acquaint students with the techniques of image plane holography. Holograms will be produced from large masters with the image not only behind or in front of but even straddling the film plane. Two types of image plane holograms will be produced, reflection and transmission. Each is viewable under white light.

Students will work in groups of 3 or 4 at each table. All subject matter will be by group agreement. Trading holograms among different tables is encouraged.

This class will meet on two consecutive weekdays for seven weeks - a total of 42 classroom hours. This will provide a more continuous flow of concentration, from setting up to exposing and processing. It also allows time to produce as many copies as needed for each member of the class. There will be some homework assignments and a final examination.

Successful completion of this class will enable students to proceed independently at their own tables or in the individualized Holography IV and V classes.

Here are the lesson plans for the fourteen class quarter:

- I Introduction and discussion
- II - VI Making an 8 X 10" master plate
- VIII - X Making a 4 X 5" white light reflection copy plate
- XI - XIV Making a 4 X 5" white light transmission copy plate
(rainbow hologram)

There is a \$50.00 lab fee for this course that includes processing chemistry but not the photosensitive materials. Holographic plates for masters and copies will be sold as the class progresses at the current market prices.

Please report your absences by telephone so that arrangements can be made with your table partners. Be on time so that work can start promptly at 6:30 p.m. Be prepared for the week's lesson by bringing your notebook, pencils and pens, and plenty of enthusiasm. You will only get out of this class what you put in.