

# PHPS\_312

## Magnified Imaging II

### Assignment

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## Reflective Light Microscopy & Opaque Subjects

### Objective:

Produce a variety of high quality images exploring various magnifications using a reflected light microscope. A minimum of 5 samples must be explored using 2 different objectives.

### Purpose:

Reflected light microscopy presents a microscopist with different problems than transmitted light techniques. This assignment will give you the opportunity to work with a reflected light microscope and establishing of proper Kohler illumination as well as photographing opaque subjects.

Photograph something that is shiny, something that is paper, something that is plastic and 2 other materials

### Assignment:

Produce photomicrographs of a minimum of 5 different subjects using various magnifications. Bar scales will be required.

### Submission:

Print or Digital Files.