

# PHPS\_312

## Magnified Imaging II

### Assignment

---

Contrast producing techniques:

Reflected Differential Interference Contrast - DIC

**Objective:** Using appropriate photographic capture methods and subjects, create publication ready photographs including bar scales that used DIC as the microscopical technique. To complete this assignment, photograph no less than 4 different samples at different magnifications using both transmitted and reflected light methods.

**Sample Suggestions:**

#### Transmitted light

Cheek cells

Live materials

Surface replicas

Human hairs and various other fibers

#### Reflected light:

Reflective objects such as coins, razor blades, screws and the like

Paper does not work in DIC techniques

**Assignment:**

**Submission:** A series of images evaluating a minimum of 4 samples including bar scales, Prints or files are acceptable.