

PHPS 202

Applications of Scientific Photography II _____ Spring 2016

Assignment four

Producing a wide field high resolution digital photomicrograph

This assignment will allow you to demonstrate your mastery of standardized practices. The exercise will demonstrate your skills in:

- Critical exposure determination and standardized camera practices
- Image sharpness across a whole imaging "session"
- Mapping image capture techniques
- Use of image stitching software
- Achieving effective illumination

ASSIGNMENT:

Photograph a pill, button or something smaller than a dime or other biological subject using an appropriate objective, e.g. a 4x or 10x that creates a file with more optical resolution than could be achieved using a capture method.

Photograph a stage micrometer at this capture magnification

Put a title on the image

SUBMISSION:

- The wide field high -resolution file
- One - 11 x 14 print
- Bar scales at the various magnifications

Due date: Sec one February 29

Sec two March 2