

BIOL 3100 - Biological Illustration (3 units)

Spring Semester, 2010

Steve. J. Grillos

MW - **8:00 -10:29**

A.M. Office: N-255. Office Hours: MW: 10:30 A.M. -.12:00 Noon; 1:00 - 2:00 P.M.

Room N-206

Telephone # 667-3481

Other hours by appointment

No Textbook

Exercises and drawings to be completed and submitted in order to receive a Credit grade. (Grading Option: Credit/No Credit)

- 1) A series of exercises and illustrations designed to get practice with using the pencil and pen in drawing simple lines and figures:
 - a) Straight parallel lines (20 lines)
 - b) Curved parallel lines (20 arcs)
 - c) Free-hand circles (10 circles)
 - d) Wavy parallel lines (20 lines)
- e) Twenty postage stamp -sized inked squares showing various patterns and design: parallel lines, hooked strokes, cross-hatching, overlapping scales, golf ball dimples, moon craters and contour lines.
- 2) A drawing of the inside or outside of your hand- **Pencil**
- 3) Four drawings of microscopic slide materials, using stipples (dots) - **Pen** (two plant slides and two animal slides)
- 4) A drawing of a leaf, using the stippling method. - **Pen**
- 5) A drawing of a plant stem, with several leaves and one flower. - **Pen**
- 6) A drawing of a bone: human, cat, bird, fish, etc. (using the shading method with a soft- leaded pencil)
- 7) A drawing of a shell, starfish, crab, or sea urchin, etc. using stipples - **Pen**
- 8) A drawing of an insect -**Pen**
- 9) A drawing of an animal, e.g., bird, rodent, lizard, turtle, etc., using blocking in or stick figure method. - **Pen**
- 10) A black or white scratchboard illustration of an animal.
- 11) A plate showing several stages of a development of cells, tissues, embryo, or life cycle. These drawings are to be sketched on paper, cut out, and arranged and glued onto a stiff piece of poster board. Letters and numbers are to be used on this plate. (Prepare letters, numbers, lines and arrows on your computer) - **Pen**

***** (Materials necessary for this class): All of these can be purchased at the bookstore or off- campus where these items are stocked: Plan to work with one or more students in class to purchase these items, where you can save some costs.**

- 1) 2H design 3800 drawing pencil (hard lead)
- 2) Art gum eraser
- 3) Speedball penholder and 2 pen points
- 4) Higgins "Black Magic" India ink
- 5) Biggie Sketch Pad 9x12
- 6) A piece of black or white scratch board (provided by the instructor)
- 7) A sheet of stiff poster board