

**MICROBIOLOGY 281**  
**FIRST NOTEBOOK GRADE SHEET**  
 Summer, 2008

excel adeq ops!


**Table of Handouts filled in.** Each handout page titled between lines 1 & 3  
**Handouts:** All\* permanently mounted with non-embossed contact paper.  
**Your Tbl of Contents:** Typed, single spaced, dated, mounted in frnt pages.  
**Pen permanent, black and fine,** (not ball point) used for all entries.  
**Dates for each entry,** top L. Odd pages *clearly* numbered, top R.  
**Title for each page:** Meaningful & in CAPS. Entries start below line 9.  
**Labeled cross references** for each page (protocols, illustrations, etc) line 6.  
**Fresh page** for each expt. Adequate open space. Numerical data offset.  
**Conclusions** drawn. Spell out problems? Protocol improvements offered.  
**Suggestions** for further experiments are thoughtful. New ideas presented.  
**Care shown in presentation.** Detailed data entered *directly* → book.  
**Features explained & colored.** Additional non-required materials?

(\_\_ \_x2) + \_\_\_\_\_ = \_\_\_\_\_ (check credits) (Each arrow between evaluation  
 columns adds or subtracts 3 pts.)  
 \_\_\_\_\_x8 #"+": #"-":  
 \_\_\_\_\_x3 \_\_\_\_\_x3 Illus: **49** points  
 \_\_\_\_\_  
 \_\_\_\_\_ + \_\_\_\_\_ - \_\_\_\_\_ + \_\_\_\_\_ = score at top of page.

**page: \*HANDOUTS & PROTOCOLS:**

**front cover:** 281 Lab Schedule I, intact  
**first page** Handout Packet Table of Contents, with  
 | | pages 9-43 filled in. **This is the**  
 | | **means by which I verify that all**  
 | | **handouts are entered in your notebook.**

**SUGGESTIONS/CONCLUSIONS:**

**page:** excel good avg  
 \_\_\_\_\_1st | | | | If you have  
 \_\_\_\_\_2nd | | | | more than five,  
 \_\_\_\_\_3rd | | | | pick your *best*  
 \_\_\_\_\_4th | | | | *five* for review.  
 \_\_\_\_\_5th | | | |

page in NB OK -1 -2 -3 -4 **ENTRIES & ILLUSTRATIONS:**

1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15 last page					
16 back cover					

binocular microscope, direct'n to lower stage indicated  
 three bact. morphs, 1000x. Correct scale and L & W.  
*Bacillus anthracis*, morphology, spores, significance.  
**Data:** Media Prep: *TITLE* of *your* medium. *Actual* wts.  
 Autoclave, numbers clear on all pertinent dials  
 Gm stain: Yogurt & *E. coli* together, Gram rxns, species  
 Humidificat'n flask, manifold, hotblock, tube& bubbles  
**Graph:** Growth Curve, semilog, coordinates correct  
 Serial dilution tech, (methylene blue), volumes clear  
**Graph:** A<sub>609</sub> vs Dye Concentration, linearity, zero pt?  
 Plate Count experimental plan, yeast or *E. coli*  
 Displacement Pipetter, thumb plunger positions lbd  
**Data table:** Plate Count, data & calculations clear  
*Neisseria*, all cells labeled, Gm rxn, source, significance  
 new wordstem list (approp. dated), last page, typed  
 grade slips, inside back cover (1-4 for this period)

<b>ILLUSTRATIONS</b>
size
clarity
accuracy
detail
labels
source
magnification
<b>GRAPHS</b>
meaningful titled
ref'd to orig data
proper graph size
intervals 1,2,5 or 10
coordinates labeled
coordinates linear
correct data plots

Repipet, how to set and use clearly indicated