

**MICROBIOLOGY 281**

**SAMPLE (for 2008) FIRST NOTEBOOK GRADE SHEET**

Summer, 2007

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 fr** each page (protocols, illustrations, etc) line 6.  
**Fresh page** for each expt. Adequate open space. Numerical data offset.  
**Conclusions** drawn, protocol improvements offered. Spell out problems?  
**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  
 \_\_x8 #"+": #"-": columns adds or subtracts 3 pts.)  
 \_\_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					

binocular microscope, direct'n indicated to lower stage  
 three bact. morphs, 1000x, correct L & W proport'ns  
 tooth scrapings: cell morphs labeled, legend, magnif'n  
**Data:** Media Prep: *TITLE* of *your* medium. *Actual* wts.  
 Autoclave, numbers clear on all pertinent dials  
 Gm stain: Yogurt & *E. coli* together, Gram rxns clear  
 Humidificat'n flask, manifold, hotblock, tube& bubbles  
**Graph:** semilog Growth Curve, coordinates correct  
 Methylene blue serial dilution technique, volumes clear  
 Repipet, how to set and use clearly indicated  
 Displacement Pipetter, thumb plunger positions lbd  
**Graph:** A<sub>609</sub> vs Dye Concentration, linearity, zero pt?  
 Experimental plan, yeast or *E. coli* plate count  
**Data table:** Plate Count, data & calculations clear  
*new* wordstem list (approp. dated), last page, typed  
 grade slips, inside back cover (1-3 for this period)

**ILLUSTRATIONS**

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