

MICROBIOLOGY 281

SAMPLE 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
 __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 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: A₆₀₉ 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)

ILLUSTRATIONS
size
clarity
accuracy
detail
labels
source
magnification
GRAPHS
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