

**MICROBIOLOGY 281**  
**FIRST NOTEBOOK GRADE SHEET**

**STUDENT ASSISTED GRADING: Check approp. box:**

*Tbl of Handouts:* pages 9-43, except 11- 14. (Subtract 1 pt/pg missing)

*Pers. Table of Contents:* typed, single sp'd. Each page: #, topic, dated

*Slide Index:* p 1. Pg refs. for 2 thru 7 filled in. (Subtract 1 pt/pg missing)

*New wordstem list:* last page. Typed? Is the date mounted indicated?

*Slips:* name plate, 1, 2, 4, 5 (Circle missing slip: subtract 1 pt/pg missing)

OK	-1	-2	-3	-4		Fank help?
					/4	
					/4	
					/2	
					/3	
					/5	

Evaluator sign: \_\_\_\_\_

Sum of point deductions: - \_\_\_\_\_

page in NB OK -1 -2 -3 -4

**ENTRIES:** \_\_\_\_\_ **ILLUSTRATION CRITERIA:** \_\_\_\_\_

1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Binocular microscope, direction to lower stage indicated  
**Data:** Media Prep: *TITLE* of *your* medium. *Actual* wts.  
**Illus:** Gm stain: yogurt and *E. coli* combined, rxns shown  
 Humidificat'n flask, manifold, hotblock, tube& bubbles  
**Graph:** A<sub>609</sub> vs Dye Concentration, linearity, zero  
**Graph:** Growth Curve Semi-log, correct 2x time?  
**Diagram:** Plan of Plate Count expt, yeast or *E. coli*  
**Data table:** Plate Count, data & *calculations clear*  
**Illust'n:** Yeast, *E. coli*, contam, Gm rxn, accurate scale.  
**Illus:** *Neisseria*, all cells labeled, Gm rxn, source, signif.

black pen line drawing
sized to fill page
clarity and detail
accuracy
all labels fr protocol
source, stain, magnif'n
<b>GRAPHS:</b> meanfl filled
ref'd to orig data
graph properly sized
intervals 1,2,5 or 10
coordin'tes lbd & linear
data plotted correctly

**SUGGESTIONS/CONCLUSIONS:** For extra 3 points: typed on single page, cross ref'd to appropriate NB pg.

**NB page #:** excel good avg \_\_\_\_\_

1 <sup>st</sup>					If you have
2 <sup>nd</sup>					more than five,
3 <sup>rd</sup>					pick your <i>best</i>
4 <sup>th</sup>					<i>five</i> for review.
5 <sup>th</sup>					

**Conclusions** drawn, improvements in protocols offered.  
Errors and/or problems spelled out?

**Suggestions** for further experiments are thoughtful, new ideas presented.

excel adeq ops!

**NOTEBOOK ENTRIES, OVERALL:**

table page1		
pg iii		

**Handout Table filled in:** All protocols permanently mounted with non-embossed contact paper, *intact*. **Title** for each handout, between lines 1 & 3.  
**Your Tbl of Contents:** Typed, single spaced, dated, mounted in front pages.  
**Pen permanent, black and fine,** (not ball point) used for all entries.  
**Dates for each entry made,** top L. Odd pages *clearly* numbered, top R.  
**Title for each page:** meaningful & in CAPS. Entries start below line 9.  
**Labeled cross ref's** for each page (protocols, illustrations, data, etc) on line 6.  
**Fresh page** for each expt. Adequate open space. Numerical data offset.  
**Suggestions and/or conclusions** (scoring based on table above)  
 You get an additional 3 points for typing on a single page and cross referencing.  
**Care shown in presentation.** Detailed data entered *directly* → book.  
**Features explained** (& colored?). Additional non-required materials?

(\_\_\_\_x2) + \_\_\_\_\_ = \_\_\_\_\_ x 8 = \_\_\_\_\_  
 Number of check "pluses:" \_\_\_\_\_ x (+3) = \_\_\_\_\_  
 Number of check deficiencies: \_\_\_\_\_ x (-3) = \_\_\_\_\_  
 Student graded points = 18 - \_\_\_\_\_ = \_\_\_\_\_  
 Illustration points = 34 - \_\_\_\_\_ = \_\_\_\_\_

_____	Notebook procedure, overall
_____	Notebook procedure: bonus points
_____	Notebook procedure: demerits
_____	Student assisted (fr table at top)
_____	Illustration points
_____	Total raw points earned (at top of page)

binocular microscope, direct'n to lower stage

**Data:** Media Prep: *TITLE* of *your* medium. *Actual* wts.

Autoclave, numbers clear on all pertinent dials

Humidificat'n flask, manifold, hotblock, tube& bubbles

Handout of Bacterial Growth data (7/15/10)

**Linear Graph:** Growth Curve, coordinates correct

**Diagram:** Plan of ser. dil. tech, (meth blue), vols. clear

**Graph:**  $A_{600}$  vs Dye Concentration, linearity, zero pt?

**Diagram:** Plan of Plate Count expt, yeast or *E. coli*

**Data table:** Plate Count, data & calculations clear

*Neisseria*, all cells labeled, Gm rxn, source, significance