

SCORING RUBRIC FOR MICROBIOLOGY LABORATORY NOTEBOOK

Level of Achievement	Format	Record	Observations/Interpretation/Results	Drawings
EXCELLENT (90-100 points)	18-20 All elements present and complete 1. Table of Contents 2. Pages are numbered 3. Exercises are titled & dated 4. Notes are legible 5. Work is neat 6. Each section of each exercise is clearly labeled <u>and</u> 7. One <u>self-reported</u> absence	27-30 All laboratory exercises: 1. Are present 2. Have a statement of purpose 3. Have an observation and/or results section 4. Have a conclusion and/or interpretation and 5. Unknown work-up in notebook	36-40 Each exercise: 1. Is accurate 2. Is logically presented 3. Is presented in your own words 4. Is presented as a working notebook 5. Addresses variations from the expected, if relevant <u>and</u> 6. The work-up and identification of each organism is present	9-10 All drawings: 1. Reflect observations 2. Are size & scale appropriate 3. Are clear 4. Are representative of the organisms
PROFICIENT (80-90 points)	16-17 All of above elements are present, but at least one is incomplete or inaccurate, <u>or</u> there were no more than two <u>self-reported</u> absences.	24-26 One laboratory exercise is missing and/or two exercises are incomplete, <u>and</u> the unknown work-up is present.	32-35 All of the above are true, with a few minor problems, and/or one work-up and identification is missing.	8 All of the above are true, with at least one exception, <u>and</u> the majority of drawn organisms are accurate representations.
AVERAGE (70-80 points)	14-15 At least one of the above elements is absent, but most are present and fairly complete, <u>or</u> there was at least one unreported absence.	21-23 No more than 3 laboratory exercises are missing and/or incomplete <u>and</u> the unknown work-up is present, but may be incomplete.	28-31 Major weakness in at least one of the above areas, and/or two work-ups and identifications are missing.	7 All of the above are true, with at least three exceptions, and/or more than half of the organisms drawn are not accurate representations.
MARGINAL (60-70 points)	10-13 At least two of the above elements are absent, <u>or</u> there were more than three absences.	18-20 No more than five laboratory exercises are missing and/or incomplete <u>or</u> the unknown work-up is missing.	24-27 Major, repeated problems with at least three of the above areas, and/or three work-ups and identifications are missing.	6 All of the above are true, with at least five exceptions, <u>and</u> more than half of the drawn organisms are not accurate representations.
UNACCEPTABLE (0-60-points)	0-9 Most of the above elements are absent, <u>or</u> there were more than four absences.	0-17 More than five laboratory exercises are missing or incomplete.	0-23 Major, repeated problems with the majority of the above areas.	0-5 The majority of drawings are missing and/or inaccurate.