

Minor Unknown Assignment

Please follow the directions below **completely** in order to receive full credit for this assignment. You must complete and turn in the following information on or before the due date listed in bold. Late assignments will receive a 10% deduction in points for each DAY (not class period) that they are late. You may want to bring a camera or other device to photographically document the uninoculated, positive & negative results for each of the tests you will perform- you may find this information useful for determining your Major Unknown organisms later in the semester.

Note: there are specific times listed with the due dates below and as such these times supersede the syllabus statement that assignments are not considered late until after midnight on their due date.

Due Date One (according to Course Syllabus), End of Lab

1. Completed copy (in pen) of a *Descriptive Chart* for your unknown organism.

This *Descriptive Chart* will be recorded and returned to you with the species name for your unknown organism that same night.

Note that the *Descriptive Chart* requires both morphological & cultural characteristics to be determined. Morphological characteristics refer to the individual cells (microscopic examination) and cultural characteristics refer to the growth of a colony of organisms (plate, slant & broth examination).

Due Date Two (according to Course Syllabus), Beginning of Lab

1. Corrected *Descriptive Chart*, according to the information you have found in *Bergey's Manual of Determinative Bacteriology*.

This corrected chart must be the original chart on which you collected your laboratory data. **Please use a highlighter to highlight each test for which you received the incorrect result.**

You can find copies of Bergey's manual on reserve in the library and there are several copies for your use during class in the lab. In addition, there is a link to an online version of *Bergey's Manual* on the *Major Unknown Links* page of the course website.

Submission of Minor Unknown information to the Course Website. **Please enter your actual results, and NOT what your organism "should have done."** This submission will help the lab staff to confirm that our organisms are behaving correctly.