Bio233, Spring 2014.

Lab 1. Basic microscopic usage and microbial morphology.

1) Examine slides of selected species and those of your interests. You should choose species with different shapes.

2) Based on their shapes, classify those bacteria into the following groups: coccus, rod, spirillum, and spirochete.

3) Do the activity 1 in “Scale of microbial world” .

Note:

Turn off power and clean oil on the lens afterwards. One point will be deducted for each violation in your lab grades.

Immense oil is only used for 100X objective lens.

Sample Slides:

* Gram positive Bacillus
* Gram negative Bacillus
* Gram positive cocci
* Gram negative cocci

Lab report:

1. Do “activity 1 ” in the exercise “Scale of Microbial World”.
2. Your report must be submitted to SpelELearn site by deadline.