

**CEDAR CREST COLLEGE**  
***Biology 362 – Microbial Pathogenesis***  
**Course Syllabus – Part III – Laboratory Assignments**  
**Spring 2005**

*Laboratory schedule subject to change if needed.*

Jan 17	Lab 1: Erythrocyte fragility
Jan 22	Lab 2: Epidemic!
Jan 31	Lab 3: Passive Agglutination
Feb 7	Lab 4: Antibody interactions - Double-gel diffusion exercises <b><i>QUIZ 1</i></b>
Feb 14	Lab 5: ELISA methods and AIDS SIMUTEST
Feb 21	Lab 6: Acquiring antibiotic resistance
Feb 28	Lab 7: Blood typing <b><i>QUIZ 2</i></b>
Mar 7	<b>SPRING BREAK – NO LAB</b>
Mar 14	Lab 8: Case study – Upper respiratory tract
Mar 21	Lab 9: Case study – Lower respiratory tract
Mar 28	Lab 10: Case study – Skin/surface <b><i>QUIZ 3</i></b>
April 4	Lab 11: Case study – Gastrointestinal tract
April 11	Lab 12: Case study – Cardiovascular & lymphatic system
April 18	<b><i>NO LAB – MONDAY SCHEDULE</i></b>
April 25	Lab 13: Case study – Genitourinary system <b><i>QUIZ 4</i></b>
May 2	Lab 14: Case study – Central nervous system & systemic, evaluations

## **LABORATORY POLICIES**

### Lab regulations:

1. Laboratory attendance is mandatory (no cuts).
  - a) The student must present a health excuse or notification of a family emergency from the Dean of Student Affairs if absent.
  - b) Please notify instructor as soon as possible about an anticipated absence. The lab must be made up as soon as possible after the absence (ideally before). If not made up, the student will have her grade lowered by a minimum of 10%.
  - c) If there is no legitimate excuse for the laboratory absence, the student may have her final grade lowered by 10%.
  - d) Any exceptions to the above must be considered by the instructor.
2. Students must observe general lab safety and biosafety level 2 rules, may not wear open-toed shoes, must pull back long hair, must wear labcoats, and must follow any additional verbal instructions. Failure to observe these rules will result in a lower grade and possible expulsion from the laboratory.
3. Students are expected to arrive promptly at each laboratory session. At the completion of each laboratory session, each student should clear and sterilize her bench.
4. Students are expected to follow the classroom Protocol Code and Honor Code Philosophy as stated in the Cedar Crest College Catalog during all manner of work.

### Grading policies:

1. Lab breakdown:
  - 120 points = 4 quizzes, 30 points each
  - 30 points = lab project
  - 100 points = lab notebook
2. Students must observe proper laboratory technique and l safety rules as described above and as instructed by the professor. Failure to observe these rules will result in a lower grade and possible expulsion from the laboratory
3. Students must attend laboratory as described above. Failure to observe these rules will result in a lower grade.
4. A laboratory notebook must be kept such that another student could follow the experiment from the notebook.
5. Failure to observe the classroom Protocol Code and Honor Code Philosophy will result in a lower grade.
6. Cheating will result in failure of the course.
7. Plagiarism will result in an “F” for the assignment and will be reported to the Vice President for Academic Affairs and the Dean of Faculty.