

Revised BCMB 301B Laboratory Schedule Spring 2020

Week	Date	Day 1	Day 2	Due Dates
1	Jan 6 - 10	Introduction Lab 1: Irreversible Inhibition	Lab 2: Extract LPS, Prepare SDS-PAGE, Exclusion of Bile Salts	Lab 2 Calculations (complete on Course Spaces by Sat., Jan. 11th) Academic Integrity Quiz (complete on Course Spaces by Sun, Jan.12th)
2	Jan 13 - 17	Lab 1 Discussion Lab 2: SDS-PAGE , Serum Killing	Lab 2: Silver Stain, Analysis of Serum Killing Plates	Day 1: Lab 1 Summary
3	Jan 20 - 24	Lab 3: Invasion Assay & Trypsinization	Lab 3: Count Plates Lab 4: Pre-Lab Assignment Review Lab 4: Colony PCR	Lab 4 Pre-Lab Assignment: (p. 4-29 to 4-34); B01 & B02 due noon Fri Jan 24, B03 & B04 due noon Mon Jan 27
4	Jan 27 - 31	Lab 4: Analysis of PCR , Plasmid preps, Nanodrop, Restriction Digests	Lab 2 Discussion	Day 2: Lab 2 Summary
5	Feb 3 - 7	Lab 4: Prepare Agarose Gel, Agarose Gel Electrophoresis, Ligation	Labs 3 Discussion (Refer to CourseSpaces for classroom. Bring your lab journal.)	Day 2: Lab 3 Summary
6	Feb 10 - 14	Lab 4: Prepare Competent Cells, Transformation		
Exam #1: Labs 1, 2 & 3: Thursday, February 13th from 7:00 – 9:00 pm in BWC B150				
7	Feb 17 - 21	Reading Break		
8	Feb 24 –28	Lab 4: Examine Transformation Plates & Controls, Colony PCR, Prepare Agarose Gel Lab 5: Phage Titrating	Lab 4: Analysis of PCR by Agarose Gel Electrophoresis Lab 5: Analyze Phage Titre Plates	Day 2: Lab 5 Result Tables
9	Mar 2 - 6	Labs 4 Discussion Lab 5: Transposition Mutagenesis	Lab 5: Analysis of Transposition plates & Controls	Day 1: Lab 4 Summary Day 2: Lab 5 Result Tables
10	Mar 9 - 13	Lab 5: Replica Plating	Lab 5: Isolate Lac Mutants & Presumptive Auxotrophs	Day 2: Lab 5 Result Tables
11	Mar 16 – 20	Lab 5: Amino Acid Pool Plates, Lac Mutants onto Differential Media - cancelled	Lab 5: Lac- Genotype & Auxotroph Phenotype - cancelled	Lab 5 Journals due Tuesday, March 17 by noon Lab 5 Result Tables – due Friday, March 20 by 10:30am
12	Mar 23 - 27	Exam #2: Lab 4 (on Course Spaces) Lab 5 Discussion - cancelled		Lab 5 Class Data Table – due Monday, March 23 by 10am
13	Mar 30 – Apr 3	Exam #3: Lab 5 – cancelled – replaced by Lab 5 Take home assignment		

Revised Evaluation Scheme BCMB 301B Spring 2020

The final mark will be based on:

Lab Summaries (Labs 1-5)	13%
Lab Journal (Labs 1-5)	10%
Practical Assessment (Labs 1-5)	15%
Discussion Quizzes (Labs 1-4)	12%
Exam #1 (Labs 1-3)	20%
Exam #2 (Lab 4)	15%
Lab 5 Assignment	15%

Final course percentages and assignment of letter grades*:

A+ 90 -100	B+ 77 - 79	C+ 65 - 69	F < 50
A 85 - 89	B 73 - 76	C 60 - 64	N ** < 50
A- 80 - 84	B- 70 - 72	D 50 - 59	

*All percentages will be rounded to the nearest whole number. For example, a calculated percentage of 79.49% will be recorded as 79% whereas 79.50% will be recorded as 80%

** N grades

Students who have completed the following elements: examinations, and all in-class laboratories will be assigned a final grade. Failure to complete one or both of these elements will result in a grade of "N" regardless of the cumulative percentage on other elements of the course. An N is a failing grade, and it factors into a student's GPA as 0. The maximum percentage that can accompany an N on a student's transcript is 49.

Attendance

Lab attendance is mandatory. BCMB301 is a practical course that progressively builds your expertise in lab techniques so we expect you to attend all of the labs. In the event of an unexpected commitment that conflicts with your lab schedule, it may be possible to attend a different lab section if you arrange this well in advance with the lab instructor. If you miss a lab due to illness/injury, or another emergency, professional documentation may be required.

Missing a lab or arriving late without prior arrangement or written professional documentation may result in a loss of marks associated with the lab.

Department Information and Policies

1. The Department of Biochemistry and Microbiology upholds and enforces the University's policies on academic integrity. These policies are described in the current University Calendar. All students are advised to read this section.
2. Cell phones, computers, and other electronic devices must be turned off at all times unless being used for a purpose relevant to the class. Students having a cell phone, tablet, or computer on their person during an exam will be assumed to have it for the purpose of cheating.
3. Any recordings of lectures may only be performed with written permission of the instructor, and are for personal use only. The instructor retains copyright to such recordings and all lecture materials provided for the class (electronic and otherwise); these materials must not be shared or reposted on the Internet.
4. Course materials, such as notes, problem sheets, quizzes, examinations, example sheets, or review sheets, may not be redistributed without the explicit written permission of the instructor.
5. Students are expected to be present for the midterm and final exams. Instructors may grant deferrals for midterm examinations for illness, accident, or family affliction, and students must provide appropriate documentation 48 hours after the midterm exam. The Department of Biochemistry and Microbiology considers it a breach of academic integrity for a student taking a deferred examination to discuss the exam with classmates. Similarly, students who reveal the contents of an examination to students taking a deferred examination are considered to be in violation of the University of Victoria policy on academic integrity (see current University Calendar). Deferral of a final exam must be requested with an Academic Concession form and submitted directly to Undergraduate Records. Deferred final exams for fall term courses will be arranged by the instructor. Deferred final exams for spring term courses will be arranged through Undergraduate Records and must be written before the end of the summer term as stipulated in the University Calendar.
6. Multiple choice scan sheets for machine scoring (bubble sheets) are considered the authentic exam answer paper and will be retained by the department for 1 year.
7. Professors may refuse to review/remark exams not written in indelible ink. In addition, requests for review/remark of a midterm exam must be made within one week of the exam being returned. Students are expected to promptly pick up midterm exams after marking has been completed, either in class or from the instructor.
8. Examination papers that have pages removed, or are mutilated will not be marked.
9. The instructor reserves the right to use plagiarism detection software or other platforms to assess the integrity of student work.
10. Supplemental exams or assignments will not be offered to students wishing to upgrade their final mark.