

Required Materials

Lab Manual: Bio 1050 Laboratory Manual, Fall 2020 edition eText (isbn: 978-1-5339-2377-6)

This course is participating in First Day Inclusive Access, a new course material access and affordability program. This program will make your required course materials directly available to you on or before the first day of class and usually at a discounted price. A direct charge for the course material is placed against your student account and is visible on your tuition bill. Participation in the First Day program is optional. Opting-out will result in a refund placed against your WSU account, which will be disbursed in accordance with the Office of the Bursar, Student Accounts Receivables Policies. For information regarding the First Day Inclusive Access course material program, including price discounts, visit <https://studentservices.wayne.edu/bookstore/inclusive-access> or the First Day Inclusive Access FAQ page <https://customercare.bncollege.com>. Things to consider before opting out:

- The materials through this program are priced at or below market value, defined as the price you would pay if you purchased the exact same material and format directly from the publisher
- The opt-out window for your course is 21 days from the first day of the winter semester, ending on 2/1/2021. You may opt-out or back in as many times as you want through 2/1/2021.
- Regardless of your opt-out status, your access to the content will remain through 2/1/2021. If your final status is opt-out on 2/2/2021, you will no longer have access to the course material eText.
- If you opt-out, you will need to purchase the required course material independently either through the campus bookstore, publisher website, or your favorite textbook provider.

Technology: Reliable internet access and equipment required to participate in and complete online class meetings, assignments, and exams. This includes a **webcam** and access to Respondus Monitor and LockDown Browser. Please note: **Chromebooks are not compatible!**

Check your system for Respondus requirements: <https://tech.wayne.edu/kb/academic-services/canvas/598>

Compatible computers in certain libraries on campus are available by reservation: <https://library.wayne.edu/services/reservations-and-pickup/>

If you need assistance obtaining course materials (including technology) you may be eligible to receive CARES Act funds through the University: <https://wayne.edu/financial-aid/resources/coronavirus>

Lab Attendance

Attendance of weekly class meetings held on Zoom is required. Plan to attend class for the entire scheduled time, as you will use the class time to complete weekly activities.

Assignments, Policies, and Grading

Weekly lab participation: You will receive 2 points for lab participation each week, including attending online lab sessions and participating in the activities.

Assignments: Homework assignments are due at the **beginning** of class. All in-class assignments must be submitted **by the end** of the class period. In-class assignments will not be accepted without class attendance. Assignments must be submitted online via Canvas and **will not be accepted via email**. You must submit all assignments with a **filename that includes “your last name_bio1050_win21.”**

Assignments submitted in an incompatible format or with a corrupted file will be considered late, and subject to the policies regarding late assignments. It is the student's responsibility to ensure their assignment can be accessed for grading. Preferred formats for submission are .doc/.docx or .pdf file types. **Do not use** .pages (or other Mac-only formats) as your lab instructor may not be able to view the files and they will therefore be marked as missing.

Lab Exams: Lab exams will be administered through Canvas and will use both Respondus LockDown Browser and Monitor. **You must have a webcam to participate. No exceptions will be allowed.**

Exam rescheduling may be allowed **for emergencies only**. When possible, students are expected to take the exam within 24 hours of their regularly-scheduled exam. To reschedule an exam you must

provide formal, written documentation (medical billing, obituary, accident report, etc.) explaining your absence. Any rescheduling of exams must be approved by the lab coordinator in advance.

Plagiarism and academic dishonesty: Assignments flagged for plagiarism by the Unicheck system in Canvas will receive a penalty commensurate with the degree of plagiarism in the assignment.

Assignments that report greater than 50% plagiarism will not be accepted. Students may rewrite and resubmit the assignment but may receive, at maximum, half of the original assignment points.

For assignments with a 20-50% plagiarism score students will lose points according to the sections where the plagiarism is identified. For instance, if half of the introduction section in a lab report has been plagiarized, the student will automatically lose half of the points for the introduction section, on top of any deductions for content, formatting, etc. that are in the assignment rubric.

For assignments with 10-20% plagiarism the same system will apply as for 20-50% but will be left to the grader's discretion whether the score is due to common phrases (e.g. "the basic formula for a carbohydrate is $(CH_2O)_n$ ") or if it is more pervasive.

Any assignments with <10% plagiarism will be accepted, as the result is typically based on citations, figures, and common phrases.

Both the copier and the student whose is copied from will be penalized. Any questions about the policy should first be addressed to your lab instructor, and then the lab coordinator if needed.

Any student whose assignment is altered and turned in for a regrade or correction, or who uses prohibited materials during exams and is flagged by Respondus Monitor or their lab instructor's review of Respondus Monitor will, at the least, receive a zero for that assignment/exam OR, at the most, receive an F for the entire course. Please review the University policy on plagiarism and cheating:

<https://doso.wayne.edu/conduct/academic-misconduct>

Late assignments: Assignments are due at the **beginning of class**. Late assignments will receive a deduction of 10% per day after the due date.

SDS accommodations: Students requiring accommodations of any kind should send their paperwork to the lab coordinator. For more information: <https://studentdisability.wayne.edu/>

Grade disputes: Any discussion or disagreement regarding a grade must be clarified with the lab instructor within **7 days** of receiving the graded assignment. After that the score will not be changed. If scores are frequently not posted in a timely fashion, please contact the lab coordinator.

Extra credit: No extra credit will be offered under any circumstances.

Lab coordinator contact: Dr. Madelyn Tucker: madelyntucker@wayne.edu, room 2012 Science Hall

The Bio 1050 lab is also covered by policies as stated in the lecture course syllabus. This syllabus is subject to change as necessary; any changes will be communicated using Canvas.

Assignments and Point Distribution

Biomolecules Data and Questions	15 points
Photosynthesis Data and Questions	15 points
Lab Report	20 points
Cell Reproduction Assignment	15 points
Genetics Problems	15 points
Using a Dichotomous Key	15 points
Diversity Assignment	15 points
Fetal Pig Dissection Homework	15 points
Predator/Prey Assignment	15 points
Weekly Lab Participation: 11 @ 2 points each (drop 1)	20 points
Lab Exam 1	45 points
Lab Exam 2	45 points
Lab Total	250 points

Schedule of Weekly Activities:

Week of:	Topics and Location of Resources	In-Class Assignments Due	Homework Due
1/13/21 Week 1	No labs first week		
1/20/21 Week 2	Lab introduction: syllabus, policies – Canvas Canvas Introduction Lab reports and scientific method		
1/27/21 Week 3	Biomolecules: Lab Manual 2A – 2C	Biomolecules Data	
2/3/21 Week 4	Photosynthesis: Lab Manual 3	Photosynthesis Data	
2/10/21 Week 5	DNA Extraction & Cell Reproduction: Lab Manual 4A & 4B		Lab Report
2/17/21 Week 6	Mendelian Genetics: Lab Manual 5A-5C		Cell Reproduction Assignment
2/24/21 Week 7	Lab Exam #1		Genetics Problems
3/3/21 Week 8	Basic Skills of Light Microscopy: Lab Manual 1		
3/10/21 Week 9	Diversity Introduction: Lab Manual 6 Protists: Lab Manual 6A Fungi: Lab Manual 6B Plants: Lab Manual 6C		
3/17/21 Week 10	Spring Break – no labs this week		
3/24/21 Week 11	Diversity – Animals: Lab Manual 7		Using a Dichotomous Key
3/31/21 Week 12	Fetal Pig Dissection Part I: Lab Manual 8A		Diversity Assignment
4/7/21 Week 13	Fetal Pig Dissection Part II: Lab Manual 8B		
4/14/21 Week 14	Predator/Prey Coevolution	Predator Prey Assignment	Fetal Pig Dissection Homework
4/21/21 Week 15	Lab Exam # 2		