

2015

Biology 186-051W Heredity and Society LabOnline

Rosetta Dalton

Parkland College, rdalton@parkland.edu

Recommended Citation

Dalton, Rosetta, "Biology 186-051W Heredity and Society LabOnline" (2015). *Biology Courses*. Paper 46.
http://spark.parkland.edu/bio_course/46

Open access to this Course Materials is brought to you by Parkland College's institutional repository, [SPARK: Scholarship at Parkland](#). For more information, please contact spark@parkland.edu.

BIO 186- 051W HEREDITY AND SOCIETY LAB SYLLABUS

(Subject to change due at the discretion of the instructor)

Fall 2015

Syllabus Addendum

You are also responsible for any information in the syllabus addendum located on the cobra homepage for biology 186. It is from the Vice President for Academic Services.

Instructor: Rosetta Dalton

Office: L-214

Phone Number: 351-2292

Student Hours: Student Hours: M/W 12:30-1:30 and 6-6:30 p.m. in L-214, T/TH 6-6:30 p.m. in L-214; F 2-3 p.m. in X-102

If you are not able to stop by my office, you can call me at my office during my student hours. If I do not answer the phone, I may be with another student and I will call you back, as soon as I am finished working with that student. You can also call me at other times in my office, even if it is not a designated student hour, and I will call you back, as soon as possible.

If you would like to meet with me and my student hours do not work for you, we can make appointments with each other too. My job is to serve you in the best manner possible. Online courses are often more challenging than classes taken on campus, so do not hesitate to let me know how I can help. That is what I am here for.

Course Objectives: Biology 186 is the lab portion to accompany Biology 106 Human Genetics and Society. By taking Biology 186 concurrently with Biology 106, you will satisfy the general education requirement to take a life science with a lab for graduation. For this reason, all of the labs are designed to support the material that you are learning in Biology 106.

Homework/assignment policy: No late work will be accepted unless a student has made a prior arrangement with the instructor. In order to be excused, the student must contact the instructor on or before the day an

assignment/lab is due. **Excused** late work will only be accepted for 5 weekdays after the assignment was first due.

	Labs	Dates Covered	Due Date (11:45 CT)	Points
GS	Getting Started	August 24-28	Friday August 28th	0
Lab 1	Mitosis	August 24-28	Friday August 28th	25
Lab 2	Meiosis	August 31-Sept. 4	Friday September 4th	25
Lab 3	Monohybrid Cross	September 7-11	Friday September 11th	25
Lab 4	Dihybrid Crosses	September 14-18	Friday September 18th	25
Lab 5	X-Linked Traits	September 21-25	Friday September 25th	25
Lab 6	Environment and Gene Expression	Sept. 28-Oct. 2	Friday October 2nd	25
Lab 7	Problems with Nondisjunction	October 5-9	Friday October 9th	25
Lab 8	Pedigrees	October 12-16	Friday October 16th	25
Lab 9	DNA to Protein	October 19-23	Friday October 23rd	25
Lab 10	Mutations	October 26-30	Friday October 30th	25
Lab 11	Designer Proteins	November 2-6	Friday November 6th	25
Lab 12	Cancer and Genetics	November 9-13	Friday November 13th	25
Lab 13	Population Genetics I	November 16-27	*Friday November 27th	25
Lab 14	Population Genetics II	November 16-27	*Friday November 27th	25
Lab 15	DNA Hybridization	November 30- Dec. 4	Friday December 4th	25
Lab 16	Genetic Technology	December 7-11	Friday December 11 th	25

All of the labs are due by 11:45 p.m. Central Standard Time on the date listed above. Your lowest lab score will be dropped.

Points Earned	Grade
375-337	A
336-300	B
299-262	C
261-225	D
<225	F

Note: Please use your textbook, Human Genetics Concepts and Applications, from biology 106 and the power point presentations from each of the associated modules as a resource.

TEXTBOOK

"Human Genetics Concepts and Applications" 11 th edition by Ricki Lewis ISBN 0073525365
--

GRADING POLICY: This course is based on a ninety, eighty, seventy, sixty percent scale. If at the end of the course you have earned ninety percent of the points or more, you will receive an 'A' for your work. If at the end of the course you have earned between 80-89.9 percent of the points you will receive a 'B' for your work. If at the end of the course you have earned between 70-79.9 percent of the points, you will receive a 'C' for your work and so forth. **Your lowest lab will be dropped.**

ACADEMIC POLICY: Anyone found to be cheating will receive a zero for that assignment and the incident will be reported to the Dean. Cheating includes copying assignments from the internet or another student's assignments (from this or previous semesters). The complete policy is found in the "Student Policies and Procedures Manual" for Parkland College. An atmosphere of mutual respect between and among teachers and students is expected.

Academic Honesty

See www.parkland.edu/studentpolicy/honesty

ACADEMIC POLICY: Anyone found to be cheating will receive a zero for that assignment and the incident will be reported to the Dean. Cheating includes copying assignments from the internet or another student's assignments (from this or previous semesters). The complete policy is found at the website listed above. An atmosphere of mutual respect between and among teachers and students is expected.

Core Values

We believe strongly in the Core Values espoused by Parkland College: Honesty and Integrity, Fairness and Just Treatment, Responsibility, Multiculturalism, Education, and Public Trust. Essentially, these values set guidelines for how we should treat you and how you should treat each other (and us). Failure to be respectful of one another or to maintain ethical behavior will not be tolerated.

WITHDRAWALS

I am required by Parkland to assess your attendance. After one week of class, if you have (1) sent me an e-mail using Cobra , and (2) turned in the Getting Started Lab and the first lab (Mitosis Lab) you will be consider an active participant in this course. If you have not completed these tasks **and have not contacted me to explain why**, I will be forced to withdraw you from the class. Again, at midterm, I will be assigning midterm grades. The same rules apply. If you are not making satisfactory progress toward completion of the course **and have not contacted me to explain why**, I will be forced to withdraw you from class.

After midterm I will not be able to withdraw any student from the class

If you need to withdraw from the class the ultimate responsibility is yours. **Do not assume that I am going to drop you from the class.** Make sure you know the final date for withdrawal. If you leave the class after midterm and fail to officially withdraw you will be given an F.

LEARNING DISABILITIES

NOTE: “If you feel you have a disability which may require an accommodation, e.g. an alternate testing environment, use of assistive technology, or other classroom assistance, please contact the following person at the Disabilities office and let your instructor know as soon as possible:

**Cathy Robinson, Director
Office Disability Services
(217)353-2338
crobinson@parkland.edu**

CENTER FOR ACADEMIC SUCCESS

Provides a wide range of academic support services to enable you to learn well, grow as a student, succeed in your classes, and excel at what you do. These services include the following:

Tutoring and Learning Assistance: Make use of walk-in tutoring services provided by faculty, staff and trained peer tutors on a daily

basis. Many students come to get help in reading, writing math (all levels) and study skills.

For-credit Instructional Modules and Supplemental Tutorials: Enroll in one-credit hour Tutorials to supplement classroom instruction in reading, writing, and math. Instructional Modules are also available to eligible students to complete certain coursework requirements.

Advising and Advocacy: Work with our team of advocates and academic advisor to plan a semester schedule, understand transfer requirements, or manage issues that stand in the way of school.

For more information, please contact:

Anita Taylor Sue Schreiber

D 120 D 120
353-2005 351-2441

You may also email CAS at CenterForAcademicSuccess@parkland.edu

Questions???

I highly recommend that you contact me through the cobra email system. My students are my priority, for this reason, I check my cobra emails first. Feel free to contact me any time, however, if you contact me via cobra email no later than 5:00 p.m. (Monday through Friday), I will respond to you on the same day. If you contact me after 5:00 p.m., I will respond to you the next day, unless it is over the weekend. Since your labs are due on Fridays by 11:45 p.m., please be sure to not wait until the last minute to do the labs. Again, after 5:00 p.m. on Friday, I will no longer be available for questions.

Also, you can call me at Parkland anytime. I have listed my student hours below. If you call me during my office hours, you will be able to speak to me immediately. If you call me outside of my office hours, I will call you back as soon as possible. Again, if you call me after 5:00 p.m. on Friday, I will get back to you on Monday. My office phone number is 217-351-2292. I am here to help and support you throughout the class.

Student Hours: M/W 12:30-1:30 and 6-6:30 p.m. in L-214, T/TH 6-6:30 p.m. in L-214; F 2-3 p.m. in X-102