


Course Syllabus

 Edit

Advanced Genetics - PCB 5065 4 credits

Fall 2024

MTWR, 6th Period, 12:50 pm – 1:40 pm Blueberry Bldg. BLB154

Join URL: <https://ufl.zoom.us/j/93016752032?pwd=ZEJlbnZaYVJnNUpQcURrWFIQRndxUT09> 
(<https://ufl.zoom.us/j/93016752032?pwd=ZEJlbnZaYVJnNUpQcURrWFIQRndxUT09>)

Meeting ID : 930 1675 2032

Passcode: 889929

Instructors: Contact information for all course instructors is provided below; Instructors are available to assist students on an individual basis by appointment.

Dr. Dean W Gabriel, Course Coordinator / Professor - Bacterial genetics, Plant Pathology Dept, PMCB Program, Graduate Program in Genetics and Genomics

Ph.D. Michigan State University (Genetics & Plant Pathology)

Office: 2559 Fifield Hall, (352)392-7239

e-mail: dgabr@ufl.edu

<https://plantpath.ifas.ufl.edu/people/faculty-pages/dean-gabriel/> 
(<https://plantpath.ifas.ufl.edu/people/faculty-pages/dean-gabriel/>)

Research interests: Functional genomics, RNAi and genetics of host/parasite interactions

Dr. L. Curtis Hannah, Professor - Plant Molecular & Cell Biology, Horticultural Sciences Dept., PMCB Program, Graduate Program in Genetics and Genomics

Ph.D. University of Wisconsin (Genetics), Madison

Office: Room 2119, Fifield Hall, 352-392-6957

e-mail: Ichannah@ufl.edu


Research interests: Maize biochemical/molecular genetics, starch biosynthesis, biotechnology

Dr. Don McCarty, Professor - Horticultural Sciences, PMCB Program, Graduate Program in Genetics & Genomics

Ph.D. University of Wisconsin

Office: 2237 Fifield Hall, 352-273-4846

e-mail: drm@ufl.edu

<https://hos.ifas.ufl.edu/people/on-campus-faculty/donald-r-mccarty/> 
(<https://hos.ifas.ufl.edu/people/on-campus-faculty/donald-r-mccarty/>)

Research interests: Physiological and molecular aspects of development in seeds

Dr. Márcio F R Resende, Associate Professor - Horticultural Sciences Dept., Plant Breeding Program, PMCB Program, Graduate Program in Genetics and Genomics

Ph.D. University of Florida Graduate Program in Genetics and Genomics

Office: 2135 Fifield Hall, 352-273-4772

e-mail: mresende@ufl.edu

<https://www.resendelab.com/>  (<https://www.resendelab.com/>)

Research interests: Quantitative genetics; Genomics; Molecular breeding

Dr. Gary F Peter, Professor - Forest Resources & Conservation, PMCB Program, Graduate Program in Genetics & Genomics

Ph.D. University of California, Los Angeles

Office: 326 Newins-Ziegler Hall, 352-846-0896

e-mail: gfpeter@ufl.edu

<https://www.forestgenomics.org/contact-us>  (<https://www.forestgenomics.org/contact-us>)

Research interests: Metabolic and regulatory networks that control variation in growth, wood quality, fungal and insect resistance

Course Description/Objectives: Genetic analysis is explored with a team of instructors who use genetic approaches in their research programs. The objective of PCB 5065 is to strengthen students' comprehension of genetic concepts, so that they can read and interpret classical and current literature in the field of genetics and apply genetic analysis to their own research problems. PCB 5065 is designed to establish a strong foundation for advanced specialty courses in genetics and to complement advanced courses in molecular biology.

Prerequisite: Undergraduate general genetics. We assume students are familiar with basic Mendelian genetics and understand the nature and functions of DNA, RNA and proteins.

Reading: There is no required text for the course. No one book covers everything we will discuss in class. Required reading in the form of review and research articles from the primary literature will be provided in electronic format. Each section of the course concludes with a discussion paper from the

current literature and/or a computer exercise. Discussion papers, along with questions for class discussion, will be provided one week prior to the scheduled discussion. Students are expected to read the paper in advance and to actively participate in the class discussions.

Recommended book helpful for the first two sections of the course:

Title: ADVANCED GENETIC ANALYSIS: FINDING MEANING IN A GENOME

Author: R Scott Hawley and Michelle Y Walker ISBN: 1405103361

Publisher: John Wiley & Sons Cover: paperback book Edition: 1

Optional books that students might find helpful for the final section of the course:

Title: PRINCIPLES OF POPULATION GENETICS

Author: Daniel L Hartl, Andrew G Clark ISBN: 0878933085

Publisher: Sinauer Associates, Inc Cover: hardback book Edition: 4

or

Title: INTRODUCTION TO QUANTITATIVE GENETICS

Author: David S Falconer and Trudy Mackay ISBN: 0582243025

Publisher: Prentice Hall Cover: paperback book Edition: 4

Exams: The course is divided into five sections with an exam following the completion of each section (see schedule). Exams are scheduled for evening periods 11 and E1 (6:15-8:10 PM) to allow adequate time for solution of problem-based questions. Exams are in person, proctored, closed book and notes. All students at RECs are required to take at least one validated exam in person.

If you have another exam or will be attending a scientific conference scheduled at the same time as a PCB 5065 exam, or if a PCB 5065 exam falls on a religious holiday that you traditionally observe, an alternate time will be arranged for your exam. Please notify the instructor of these conflicts well in advance of the exam! Students who cannot take a scheduled exam due to illness or last-minute emergencies should contact the instructor prior to the exam if at all possible!

Grades: Final grades will be based upon the weighted sum of 5 section scores, based on the number of classes taught by each instructor. Each class is weighted with 10 points and the instructor breakdown is:

<u>Section</u>	<u>Instructor</u>	<u>Points</u>
Section 1	Hannah	130
Section 2	Gabriel	110

Section 3	McCarty	80
Section 4	Peter	90
Section 5	Resende	120
<u>Total</u>		<u>530</u>

-

The grading scale is:

A 460-530

B+ 405-459

B 350-404

C+ 295-349

C 259-294

D 232-258

F <231

Class attendance and participation will be considered in assigning grades to students with scores falling near a cut-off point. More information on UF grading policy may be found at:

<https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/> ↗

[\(https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/\)](https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/)


<https://catalog.ufl.edu/graduate/> ↗ [\(https://catalog.ufl.edu/graduate/\)](https://catalog.ufl.edu/graduate/)

Absences and Make-Up Work: Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx> ↗

[\(https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx\)](https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx)


Students Requiring Accommodations: Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center (<https://disability.ufl.edu/students/get-started/> ↗ [\(https://disability.ufl.edu/students/get-started/\)](https://disability.ufl.edu/students/get-started/)). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Online Course Evaluation Process: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations (<https://gatorevals.aa.ufl.edu/>  [\(https://gatorevals.aa.ufl.edu/\)](https://gatorevals.aa.ufl.edu/)). Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students on the GatorEvals page.

Academic Honesty: UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with an instructor in this class.

[\(https://sccr.dso.ufl.edu/process/student-conduct-code/](https://sccr.dso.ufl.edu/process/student-conduct-code/)  [\(https://sccr.dso.ufl.edu/process/student-conduct-code/\)](https://sccr.dso.ufl.edu/process/student-conduct-code/).)

Software Use: All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Student Privacy: There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the Notification to Students of FERPA Rights (<https://registrar.ufl.edu/catalog0910/policies/regulationferpa.html>  <https://registrar.ufl.edu/catalog0910/policies/regulationferpa.html>).

Campus Resources:

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or police.ufl.edu.

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

In-Class Recording: Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040.

Schedule – Advanced Genetics, PCB 5065, Fall 2024

MTWR 6th Period, Blueberry Bldg. BLB154

Optional help sessions will be held most Fridays 6th Period

Date	Day	Instructor	Topic
22-Aug	Thurs	All	Course introduction

23-Aug	Fri	Hannah	Optional help session
26-Aug	Mon	Hannah	The gene in molecular terms
27-Aug	Tues	Hannah	The gene in Mendelian terms
28-Aug	Wed	Hannah	Model organisms and mutant screens
29-Aug	Thurs	Hannah	The gene as a unit of function - the complementation test
30-Aug	Fri	Hannah	Optional help session
2-Sep	Mon	No class	Labor Day
3-Sep	Tues	Hannah	The gene as a unit of mutation and recombination
4-Sep	Wed	Hannah	Allelic interactions - cistrons and operons
5-Sep	Thurs	Hannah	Genic Interactions - suppressors, enhancers, and epistasis
6-Sep	Fri	Hannah	Optional help session
9-Sep	Mon	Hannah	Transposable elements as tools of forward and reverse genetics
10-Sep	Tues	Hannah	Additional reverse genetics approaches
11-Sep	Wed	Hannah	Organelle transmission
12-Sep	Thurs	Hannah	Maternal and gametophyte effects
13-Sep	Fri	Hannah	Optional help session
16-Sep	Mon	Hannah	Epigenetic effects on expression


17-Sep	Tues	Hannah	Meiotic drive and prions
18-Sep	Wed	Gabriel	Meiosis - segregation, assortment, chromosome mechanics, and nondisjunction
19-Sep	Thurs	Gabriel	Recombination, Crossing Over Linkage & Mapping
20-Sep	Fri	Gabriel	Optional help session
23-Sep	Mon	Gabriel	Tetrad Analysis & gene conversion
24-Sep	Tues	Gabriel	Gene conversion & crossing over
24-Sep	Tues	6:15-8:10pm	Exam 1 - Mendelian and non-Mendelian Genetics
25-Sep	Wed	Gabriel	Double strand break repair
26-Sep	Thurs	Gabriel	Synthesis Dependent strand annealing & consensus
27-Sep	Fri	Gabriel	Optional help session
30-Sep	Mon	Gabriel	Parasexuality & mitotic recombination
1-Oct	Tues	Gabriel	Integration & homology directed repair
2-Oct	Wed	Gabriel	Genome editing-- TALENs & nucleases
3-Oct	Thurs	Gabriel	Genome editing- CRISPR
4-Oct	Fri	Gabriel	Optional help session
7-Oct	Mon	Gabriel	Review Session
8-Oct	Tue	McCarty	Developmental genetics overview
8-Oct	Tue	6:15-8:10pm	Exam 2 - Recombination mechanisms & gene editing










9-Oct	Wed	McCarty	Developmental genetics – drosophila
10-Oct	Thurs	McCarty	Developmental genetics – drosophila
11-Oct	Fri	McCarty	Optional help session
14-Oct	Mon	McCarty	Developmental genetics – drosophila
15-Oct	Tues	McCarty	Developmental genetics – plants
16-Oct	Wed	McCarty	Developmental genetics – plants
17-Oct	Thurs	McCarty	Developmental genetics – plants
18-Oct	Fri	No class	Homecoming
21-Oct	Mon	McCarty	TBD
22-Oct	Tues	Peter	Chromosome variation - polyploidy, aneuploidy
22-Oct	Tues	6:15-8:10pm	Exam 3 - Developmental Genetics
23-Oct	Wed	Peter	Genome features - implications for markers, mapping, and gene identification
24-Oct	Thurs	Peter	Molecular markers and genotype by sequencing
25-Oct	Fri	Peter	Optional help session
28-Oct	Mon	Peter	Multipoint linkage mapping – populations
29-Oct	Tues	Peter	Linkage mapping - human pedigrees and LOD scores
30-Oct	Wed	Peter	Multipoint linkage mapping software demonstration










31-Oct	Thurs	Peter	Map-based applications - positional cloning qualitative traits
1-Nov	Fri	Peter	Optional help session
4-Nov	Mon	Peter	Map-based applications - QTL mapping and cloning
5-Nov	Tues	Peter	TBD
5-Nov	Tue	6:15-8:10pm	Exam 4 - Genomes, chromosomes, markers, and mapping
6-Nov	Wed	Resende	Hardy-Weinberg equilibrium and introduction to population genetics
7-Nov	Thurs	Resende	Population genetics - segregation, recombination, and linkage disequilibrium
8-Nov	Fri	Resende	Optional help session
11-Nov	Mon	No class	Veterans Day
12-Nov	Tue	Resende	Forces that change gene frequencies: mutation
13-Nov	Wed	Resende	Forces that change gene frequencies: random genetic drift
14-Nov	Thurs	Resende	Forces that change gene frequencies: natural selection
15-Nov	Fri	Resende	Optional help session
18-Nov	Mon	Resende	Population genetic structure, genetic distance, and effective population size
19-Nov	Tues	Resende	Introduction to quantitative genetics (quantitative genetic models)









20-Nov	Wed	Resende	Introduction to quantitative genetics (genetic variance and heritability)
21-Nov	Thurs	Resende	Genomic dissection of quantitative variation - genome wide association studies
22-Nov	Fri	Resende	Optional help session
25-Nov	Mon	No class	Thanksgiving Break
26-Nov	Tues	No class	Thanksgiving Break
27-Nov	Wed	No class	Thanksgiving Break
28-Nov	Thurs	No class	Thanksgiving Break
29-Nov	Fri	No class	Thanksgiving Break
2-Dec	Mon	Resende	Genomic dissection of quantitative variation - genomic prediction
3-Dec	Tues	Resende	Genomic dissection of population variation and adaptation
4-Dec	Wed	Resende	Review session
4-Dec	Thurs	6:15-8:10pm	Exam 5






Course Summary:





Date	Details	Due
Thu Aug 22, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261096&include_contexts=course_515716	12:30pm to 1:45pm










Date	Details	Due
Fri Aug 23, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261097&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Aug 26, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261098&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Aug 27, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261099&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Aug 28, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261100&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Aug 29, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261101&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Aug 30, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261102&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Sep 2, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261103&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Sep 3, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261104&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Sep 4, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261105&include_contexts=course_515716)	12:30pm to 1:45pm










Date	Details	Due
Thu Sep 5, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261106&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Sep 6, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261107&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Sep 9, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261108&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Sep 10, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261109&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Sep 11, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261110&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Sep 12, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261111&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Sep 13, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261112&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Sep 16, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261113&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Sep 17, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261114&include_contexts=course_515716)	12:30pm to 1:45pm







Date	Details	Due
Wed Sep 18, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261115&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Sep 19, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261116&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Sep 20, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261117&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Sep 23, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261118&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Sep 24, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261119&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Sep 25, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261120&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Sep 26, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261121&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Sep 27, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261122&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Sep 30, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261123&include_contexts=course_515716)	12:30pm to 1:45pm







Date	Details	Due
Tue Oct 1, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261124&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Oct 2, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261125&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Oct 3, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261126&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Oct 4, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261127&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Oct 7, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261128&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Oct 8, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261129&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Oct 9, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261130&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Oct 10, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261131&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Oct 11, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261132&include_contexts=course_515716)	12:30pm to 1:45pm







Date	Details	Due
Mon Oct 14, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261133&include_contexts=course_515716	12:30pm to 1:45pm
Tue Oct 15, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261134&include_contexts=course_515716	12:30pm to 1:45pm
Wed Oct 16, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261135&include_contexts=course_515716	12:30pm to 1:45pm
Thu Oct 17, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261136&include_contexts=course_515716	12:30pm to 1:45pm
Thu Oct 17, 2024	 University of Florida GatorEvals – Fall 2024 Mid-Term Evaluation Voluntary Opt-In https://ufl.instructure.com/calendar?event_id=3367804&include_contexts=course_515716	11:59pm
Fri Oct 18, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261137&include_contexts=course_515716	12:30pm to 1:45pm
Mon Oct 21, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261138&include_contexts=course_515716	12:30pm to 1:45pm
Tue Oct 22, 2024	 PCB5065 Advanced Genetics - Team Taught https://ufl.instructure.com/calendar?event_id=3261139&include_contexts=course_515716	12:30pm to 1:45pm

Date	Details	Due
Wed Oct 23, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261140&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Oct 24, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261141&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Oct 25, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261142&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Oct 28, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261143&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Oct 29, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261144&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Oct 30, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261145&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Oct 31, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261146&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Nov 1, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261147&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Nov 4, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261148&include_contexts=course_515716)	12:30pm to 1:45pm

Date	Details	Due
Tue Nov 5, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261149&include_contexts=course_515716)	12:30pm to 1:45pm
	 Peter (https://ufl.instructure.com/courses/515716/assignments/6319931)	due by 8pm
Wed Nov 6, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261150&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Nov 7, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261151&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Nov 8, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261152&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Nov 11, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261153&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Nov 12, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261154&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Nov 13, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3261155&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Nov 14, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330687&include_contexts=course_515716)	12:30pm to 1:45pm

Date	Details	Due
Fri Nov 15, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330688&include_contexts=course_515716)	12:30pm to 1:45pm
	 PCB5065 - Advanced Genetics (https://ufl.instructure.com/calendar?event_id=3392040&include_contexts=course_515716)	1pm to 2pm
Sat Nov 16, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330689&include_contexts=course_515716)	12:30pm to 1:45pm
Sun Nov 17, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330690&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Nov 18, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330691&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Nov 19, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330692&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Nov 20, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330693&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Nov 21, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330694&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Nov 22, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330695&include_contexts=course_515716)	12:30pm to 1:45pm

Date	Details	Due
Sat Nov 23, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330696&include_contexts=course_515716)	12:30pm to 1:45pm
Sun Nov 24, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330697&include_contexts=course_515716)	12:30pm to 1:45pm
Mon Nov 25, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330698&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Nov 26, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330699&include_contexts=course_515716)	12:30pm to 1:45pm
Wed Nov 27, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330700&include_contexts=course_515716)	12:30pm to 1:45pm
Thu Nov 28, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330701&include_contexts=course_515716)	12:30pm to 1:45pm
Fri Nov 29, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330702&include_contexts=course_515716)	12:30pm to 1:45pm
Sat Nov 30, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330703&include_contexts=course_515716)	12:30pm to 1:45pm
Sun Dec 1, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330704&include_contexts=course_515716)	12:30pm to 1:45pm

Date	Details	Due
Mon Dec 2, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330705&include_contexts=course_515716)	12:30pm to 1:45pm
Tue Dec 3, 2024	 PCB5065 Advanced Genetics - Team Taught (https://ufl.instructure.com/calendar?event_id=3330706&include_contexts=course_515716)	12:30pm to 1:45pm
	 Gabriel (https://ufl.instructure.com/courses/515716/assignments/6319928)	
	 Hannah (https://ufl.instructure.com/courses/515716/assignments/6319927)	
	 McCarty (https://ufl.instructure.com/courses/515716/assignments/6319929)	
	 Resende (https://ufl.instructure.com/courses/515716/assignments/6319930)	