



Lecture 1:

About the course

Course 281

Introduction to Molecular Biology

AIMS

- You and I.
- What is the class all about?
 - Class webpage and lectures.
 - Textbook and readings.
 - Attendance.
 - Lecturing style.
 - Exams and questions' style.
 - Bonus stories.
- Some Biology: The molecules.

Who am I?

- My name is Hasan Alhaddad.
- Ph.D. in Genetics from UC Davis.
- Studied insects and cats.
- Interested in camel morphometrics and genetics.
- I love science and I like to share this love with everybody especially you.



When you find me?

- My office hours: TBA.
- My email is:
 - hassan.alhaddad@ku.edu.kw
 - hhalhaddad@gmail.com
- If you cannot make it to office hours, email me and we can arrange an alternative time.

Who are you?

State your name

Class Material and Announcements

The screenshot shows a web browser displaying the homepage of hagenetics.org. The browser's address bar shows the URL hagenetics.org. The page header includes the text "Hasan Alhaddad Genetics Lab" and a search box. The main content area features the website name "hagenetics.org" in a large, teal, underlined font. Below this is a line graph with a thick black line representing the mean and many thin grey lines representing 100 sampling simulations. The graph shows an upward trend. A navigation menu at the bottom of the graph area includes links for LAB, People, Research, PPPs, Teaching, E.H.R.A.B, and Blog. Below the navigation menu, the text "Welcome to HAGenetics website and lab" is displayed. In the bottom right corner, there is a small section titled "Question 6: How do we implement student centered ACTIVE learning?" with sub-sections for "Prerequisites", "First, take notes and come with questions!", "Participants", and "Responsibility of BELP: Talk share your".

Hasan Alhaddad Genetics Lab

Search

hagenetics.org

— Mean
— 100 sampling Simulations

LAB People Research PPPs Teaching E.H.R.A.B Blog

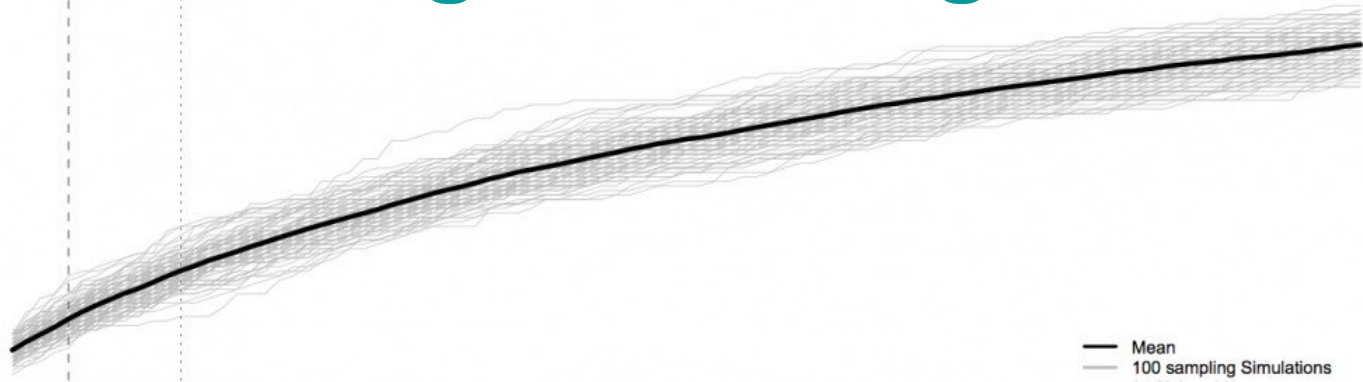
Welcome to HAGenetics website and lab

Question 6: How do we implement student centered ACTIVE learning?
Prerequisites:
First, take notes and come with questions!
Participants:
Responsibility of BELP: Talk share your

Class Material and Announcements

Hasan Alhaddad Genetics Lab

hagenetics.org



— Mean
— 100 sampling Simulations

- LAB
- People
- Research
- PPPs
- Teaching
- E.H.R.A.B
- Blog

Welcome to HAGenetics lab

Our goal in HAGenetics is to share our articles in an informal and a fun way. Hopefully, you will find something that inspired.

- Intro. Mol. Bio (281)
- Intro. Mol. Genetics (371)
- Mol. Evolution (410)
- Mol. Forensics (301)
- Human Genetics

[Edit with Visual Composer](#) [Edit](#)

Question 6: How do we implement student centered ACTIVE learning?

Please be sure to:

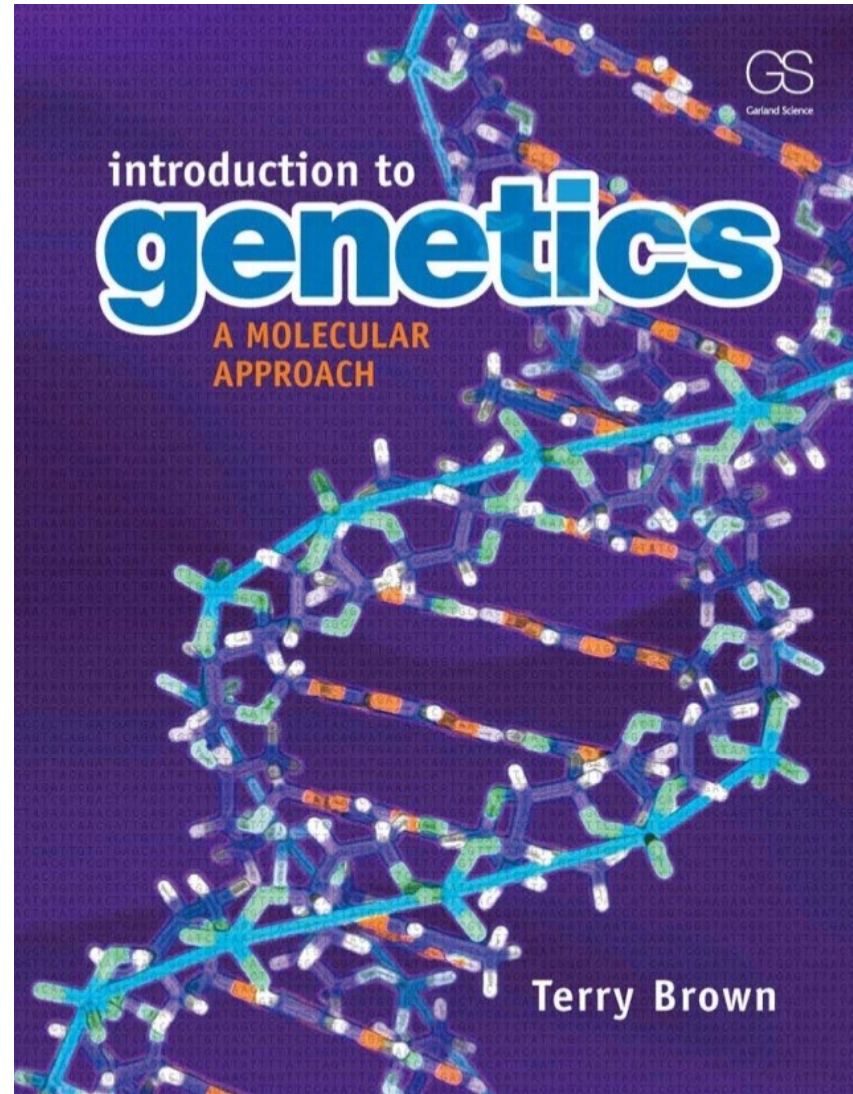
- Prepare:** Read, take notes and come with questions!
- Participate:** Responsibility of **SELF**, **TALK** share your thoughts with your colleagues & your discussion leader.
- Responsibility to **OTHERS**. Respect ALL, start the assignment or session and listen, **NOALLOU** LISTEN!
- Engage:** Listen up!
- Have FUN! That's is a worthy goal.
- Don't worry about getting a "right" or "wrong" the teacher!
- It's about YOUR learning. You'll get there!

#EHRAB_HA from now on will be student centered. Read carefully it is all for you



Assigned Textbook

- Buying and reading the book is your responsibility.
- Please **DON'T** ask me if you need the book.



Lecturing Style

- You will be **RESPONSIBLE** for the chapters' readings.
- I may use material that is not included in the book. Make sure you follow me in the class.
- My powerpoint slides will be uploaded to class webpage (check table). It is **YOUR JOB** to print them and take notes during my lecture.
- There are no stupid questions. So ask me and do not get lost.

Lecturing Style



- Some lecture material will be from a standardized lectures.
- This material will be presented differently (see example next slide).
- Slides that don't contain my design and logo and has the book front cover in the right hand corner are the standardized slides.
- These slides are entirely based on the book and shared across all 281 classes.
- My material that is not in the book will not be on the standardized exams.

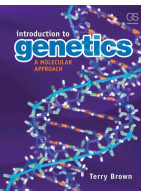
Terry Brown

Introduction to Genetics

A Molecular Approach

Chapter 1

The Scope of Modern Genetics



Attendance

- I **DON'T** take attendance. You are a responsible student and you want to learn. No points only for showing up!



Testing style

- My exams are composed of multiple choice exams.
- Questions vary in difficulty.
- Exams dates are fixed (see syllabus).
- I **WILL NOT** change the dates of the exams.
- If study and read the questions carefully, you can get a full mark.
- You **MUST** take all exams.

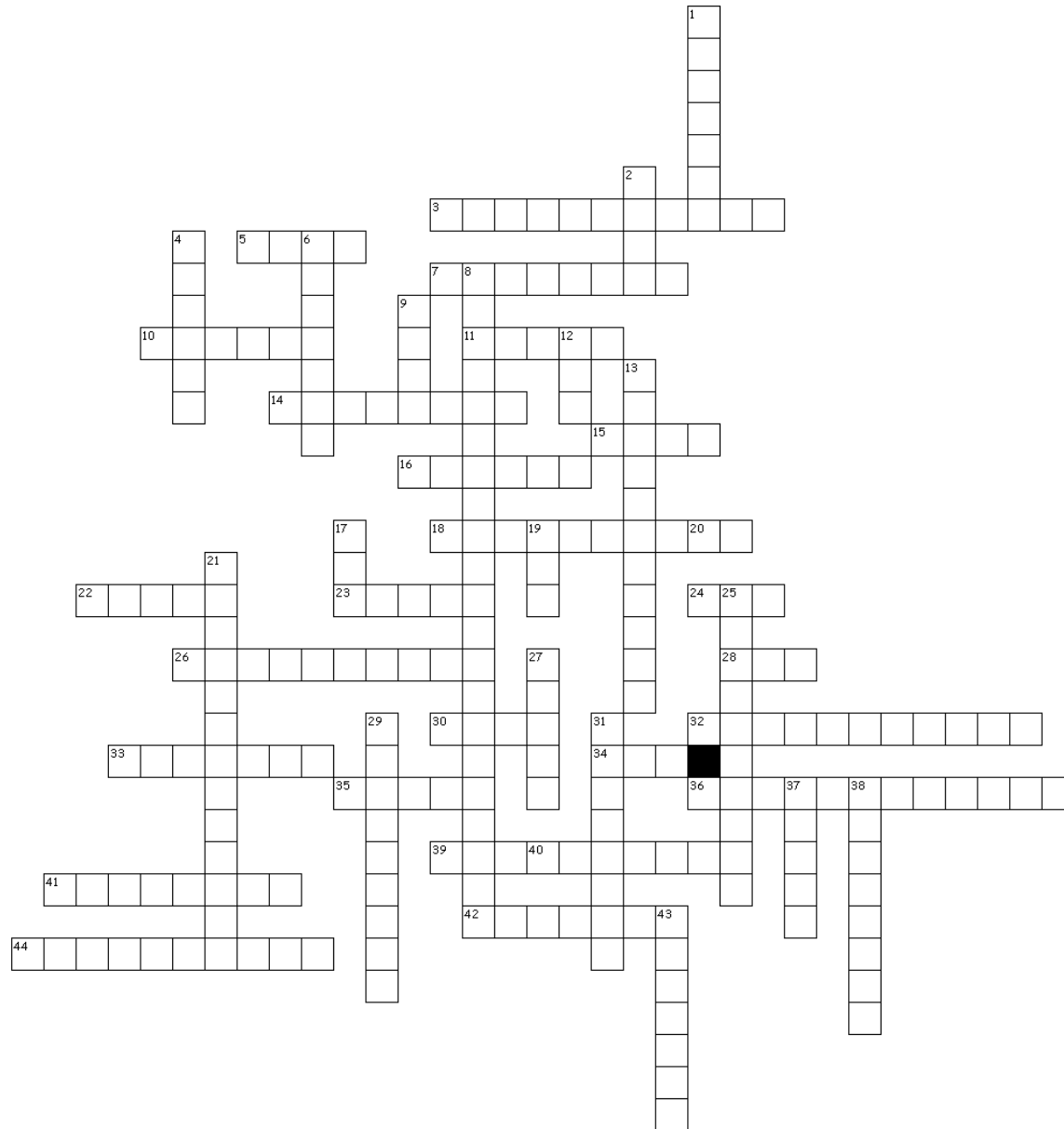
Grade distribution

Standardized Exams

Test 1	20%	
Test 2	20%	
Puzzles&Stories	10%	
Final Exam	50%	Cumulative Final !

Check the webpage for dates and times

Puzzles



Stories

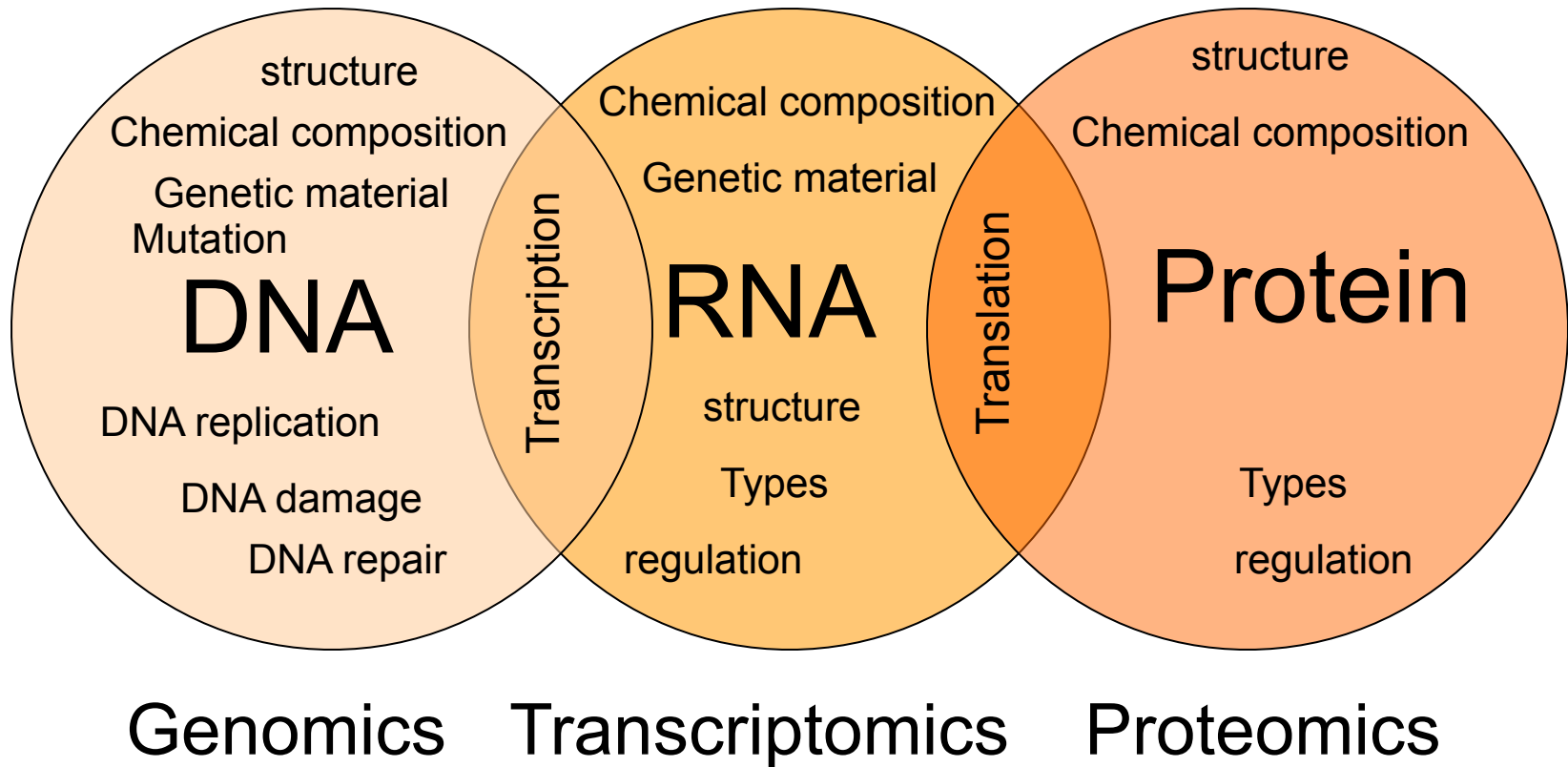
You When are the stories due?

I will let you know

Your story must be typed and NO handwritten stories will be accepted!

About the course

This class is about the molecules of life !



Expectations

- You know me, my office location, my contacts and that my job is to teach and help you.
- You understand your rights and responsibilities.
- You understand my lecturing style, my exams format, and grading system.
- You know it is going to be a fun learning experience.
- You have a general idea about the molecules of life.

For a smile

WOW, A GRADE
ABOVE 100.
HOW COOL.
GLAD I PUT IN
THE EXTRA EFFORT.



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