

You can draw here

Physics 111 - Class 1B

Logistics & Diagnostics

Do not draw in/on this box!

September 9, 2022

You can draw here

You can draw here

Class Structure

Class Structure

15 mins before class:

Relax and hangout with
elevator music in class

Class Structure

15 mins before class:

Relax and hangout with
elevator music in class

At start time (4 PM)

Logistics and
Announcements

Class Structure

15 mins before class:

Relax and hangout with
elevator music in class

At start time (4 PM)

Logistics and
Announcements

Class Outline

Quick Introduction

Clicker Questions

PrairieLearn Activity

Debrief and Wrap-up

Class Structure

30 mins before class:

Relax and hangout with
elevator music in class

At start time (4 PM)

Logistics and
Announcements

Class Outline

Quick Introduction

Clicker Questions

PrairieLearn Activity

Debrief and Wrap-up

At end time (4:50 PM)

Student hours

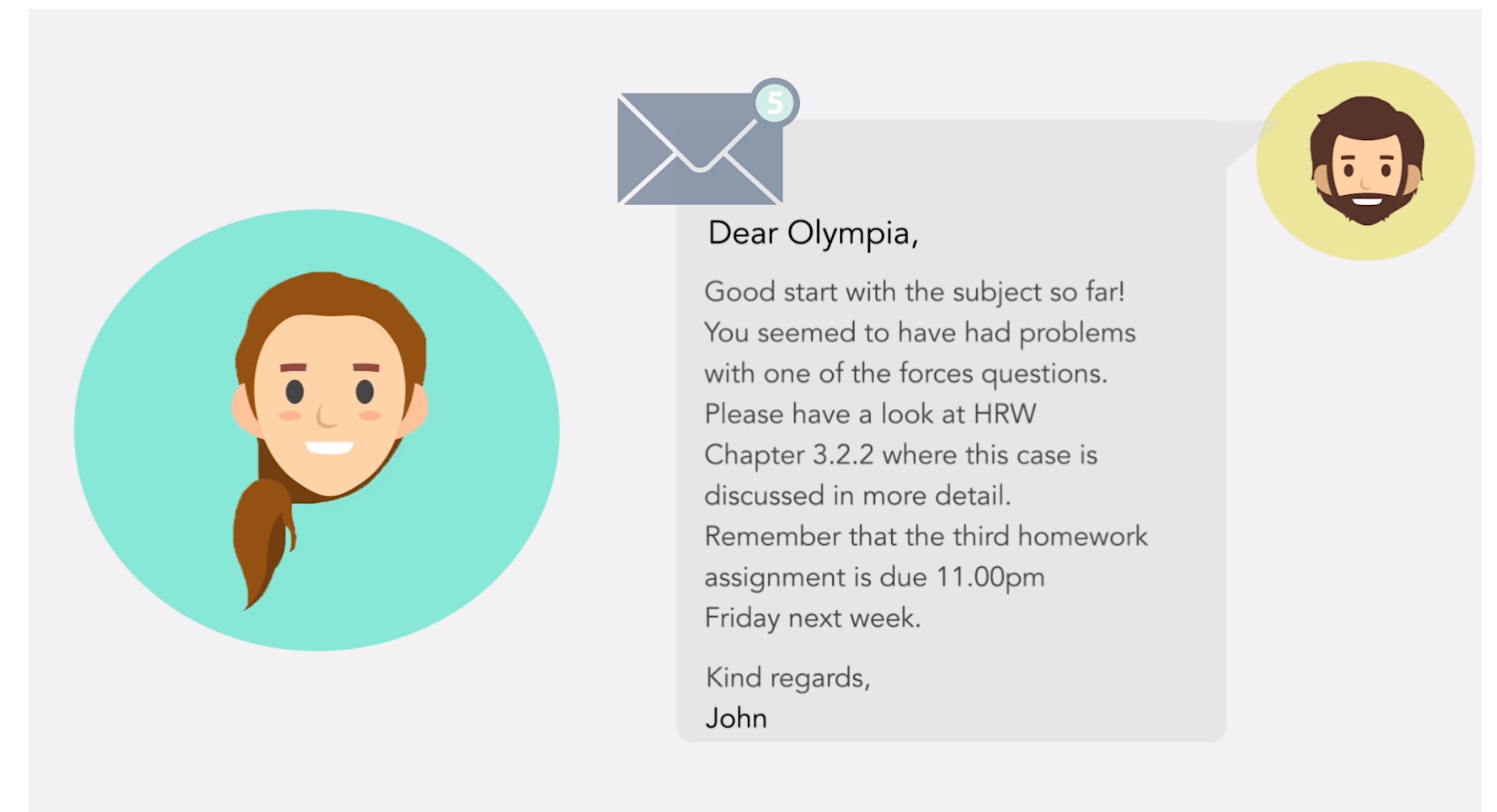
Gotta go by ~ 5:30 PM

Assessments			
Available credit			Score
Homework			
HW1	HW1 - Math Diagnostic	110% starting from 16:30, Thu, Sep 8 ?	0%
HW2	HW2 - Math and Vectors	110% starting from 18:00, Fri, Sep 9 ?	Not started
HW3	HW3 - Kinematics in 1D	110% starting from 18:00, Fri, Sep 16 ?	Not started
HW4	HW4 - Kinematics in 2D	110% starting from 18:00, Fri, Sep 23 ?	Not started
HW5	HW5 - Forces I	110% starting from 18:00, Fri, Sep 30 ?	Not started
HW6	HW6 - Forces II	110% starting from 18:00, Fri, Oct 7 ?	Not started
HW7	HW7 - Work and Energy	110% starting from 18:00, Fri, Oct 21 ?	Not started
HW8	HW8 - Energy	110% starting from 18:00, Fri, Oct 28 ?	Not started
HW9	HW9 - Momentum and Impulse	110% starting from 18:00, Fri, Nov 4 ?	Not started
HW10	HW10 - Torque and Rotation	110% starting from 18:00, Fri, Nov 18 ?	Not started
HW11	HW11 - Review (Bonus)	110% starting from 18:00, Fri, Nov 25 ?	Not started
Tutorial			
Tu2	Tu2 - Math and Vectors	100% starting from 18:00, Fri, Sep 9 ?	Not started
Tu3	Tu3 - Kinematics in 1D	100% starting from 18:00, Fri, Sep 16 ?	Not started
Tu4	Tu4 - Kinematics in 2D	100% starting from 18:00, Fri, Sep 23 ?	Not started
Tu5	Tu5 - Forces I	100% starting from 18:00, Fri, Sep 30 ?	Not started

HW1: HW1 - Math Diagnostic			
Total points: 0/30		0%	Available credit: 110% starting from 16:30, Thu, Sep 8 ?
Question	Value	History	Awarded points
Example Question			
HW1.1. Math Diagnostic 1	1		0/1
HW1.2. Math Diagnostic 2	1		0/1
HW1.3. Math Diagnostic 3	1		0/1
HW1.4. Math Diagnostic 4	1		0/1
HW1.5. Math Diagnostic 5	1		0/1
HW1.6. Math Diagnostic 6	1		0/1
HW1.7. Math Diagnostic 7	1		0/1
HW1.8. Math Diagnostic 8	1		0/1
HW1.9. Math Diagnostic 9	1		0/1
HW1.10. Math Diagnostic 10	1		0/1
HW1.11. Math Diagnostic 11	1		0/1
HW1.12. Math Diagnostic 12	1		0/1
HW1.13. Math Diagnostic 13	1		0/1
HW1.14. Math Diagnostic 14	1		0/1

Exploring Personalized Feedback

- OnTask is a free and open source platform that enables data-driven personalization of feedback
- Helps instructors communicate more efficiently and effectively with students
- Allows instructors to provide high quality and personalized feedback to students, increasing motivation for learning and enhancing student-instructor rapport
- OnTask messages can include:
 - Weighted grades on assignments/exams,
 - Participation and attendance marks,
 - Study tips,
 - Office hour reminders, and
 - Other materials related to the course



An example of an OnTask message: <https://www.ontasklearning.org/>

Assessing the 1st year physics program

Research Study

To improve physics teaching at UBCO, we are doing a two-part diagnostic to:

- help us stay current on what students know coming into the course
- understand the impact of different teaching methods
- assess the quality of the program
- understand how the program serves different populations

Your instructor (me) will not see the results until final exam grades have been submitted!

This diagnostic is NOT FOR MARKS!

You do NOT need to study as this is just a baseline for how you think.

Incentive: 0.5% per diagnostic

Diagnostic (Part 1) will happen in class on Friday (about 45 mins)

**Start the
Diagnostic**

If you are accessing this outside of class, please
send me a private Ed Discussion message for the link!
The survey will be active until Monday at 8 AM.

See you on Monday!

Don't forget to do the Learning Log (due Saturday at 6 PM)