

Please Pick up

a syllabus
for

Phys 2414

(spread around Room)

WELCOME TO

Phys 2414

Dr. BRAD ABBOTT

Rm 335 (this building)

Class web page

- information for class

VISIT Regularly

- photocopy of lectures
- old exams
- links to demos
- H.W solutions
- Group problems / solutions
- Exam prep

can be found at D2L and syllabus

<http://www.nhn.ou.edu/~abbott/>

Phys-2414-Spring-2013

Discussion

- meet on Thursdays
- Groups of 4 work together on a problem
- step by step problems to help learn material and how to solve physics problems
- This Thursday attend discussion section (meet TA, math work sheet) scaling problems

physics

Different than most classes
you have had

No memorizing !!! (Very little)

understand a few basic
concepts $\rightarrow$ apply them to new
situations

memorized multiplication tables
learned how to multiply

$$\begin{array}{r} 3625 \\ \times 491 \\ \hline \end{array}$$

same idea $\rightarrow$ physics

Logical Deductive reasoning

DO's

• Show up for lecture!

Difficult to understand notes if not in class. Best use of 50 minutes

• DO All H.W. only way to make sure you understand material

• Use All resources available

my office hours

TA's office hours

~ 30 hours/week of help available

Free TAing

(Paid Tutoring)

Physics Action Center

• Put in 8 hours/week

• Know your math

• Read material

OFFICE HOURS

students who use office hours do better in class

you can use any of my TA's office hours

see me if you cannot make my office hours to schedule a time to meet

- MATH -

Downfall of many students!

math Quiz available from
class web page after Thursday

Take it!!! during discussion
No points, but take results
seriously!

Commonly heard phrases

"I understand lecture, but struggle on H.W."

"When you do the problem, it is easy"

"It is a very different course than what I am used to, it is very frustrating"

"It is not like High school physics"

"I wish I took High school physics"

"This is the worst grade on an exam ever"

"I spend more time on this class than my other classes"

"It suddenly 'clicked' and now I get it"

most common
"complaints"

• "Physics is hard!"

• "It is too early in the morning"

• "Exams are not exactly like the H.W."

• "Exams are too hard"

D2L

- Links to class web page
- Links to H.W
- Grades on exams, group problems, clickers

Homework

- Very, Very important
(this is where you really learn material)
- Due weekly Friday at midnight
- webassign (www.webassign.com)
- Need to purchase access code

Helpful Hints on class web
page → syllabus

- 5 attempts at answer
- Please no emails about H.W
(office hours, before / after
class ...)



Search: 



Student Resources

■ Technical Support

■ Student Guide

Faculty Resources

■ Technical Support

■ Online Manual

WebAssign Login

Welcome to WebAssign!

Username

4+4

Institution (what's this?)

OU

Password (forgot
password?)

10#

Log In

(Trouble Logging In?)

Use the username, institution, and passy
provided by your instructor or account
representative.

Tip: bookmark this page for quick access to WebAssign.

WebAssign® is a registered service mark of North Carolina State University under license to
Advanced Instructional Systems, Inc.

© 1997-2003 by North Carolina State University. Portions © 2003-2004 by Advanced
Instructional Systems, Inc.

Various trademarks held by their respective owners.

| Privacy | Accessibility | Terms of use | Security |

i.e. smit 1111

OU

112441111 (no dashes)

Grades

Curve	85-100 A
last year	70-85 B
	55-70 C
	40-55 D
	<40 F

Do not think
this is easy
few people
get >90 on
exams

DO H.W, grp problems, clickers 40%
of grade

EX 1 Exam Average 80 → go into final
H.W, grp, clicker 100 exam with an A

EX 2 Exam: 100 → D
H.W, grp, clicker: 0

EX 3 Exam: 40 → C
H.W, grp, clicker: 80

If you do all H.W, clicker, grp problems
at 80% & get D's on exams you
will pass the course

For Wednesday

- Read chapter 1 (Review)
- Get webassign access code
- Logon to webassign and try test assignment (0 points) available at noon today
- Register Clicker