



# Welcome to PHYS 496

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# Physics 496

“Effective Communication in Science”

## Alternate Titles:

“Introduction to Physics Research”

“A hodgepodge of what physicists/scientists should know”

“Things I wished my advisor had told me”

“How the science world works”

# Our goals for you in PHYS496

## Help you learn to think critically

About others work and yours!

## Help you learn methods to write and speak persuasively

The scientific community (and just about everyone else!) tends to be skeptical, so you can't rely just on great results!

## Help you learn to navigate the scientific literature

Researching existing literature is critical for planning future work, writing proposals, writing papers, etc.

## Teach you how the “world of science” works

We want to teach you how to become effective scientists and communicators!

# **1. How is homework submitted?**

- a) Hard copies are turned in during class.**
- b) Hard copies are deposited in the homework boxes in the 2<sup>nd</sup>-floor Loomis interpass.**
- c) Electronic copies are emailed to Jessica ([jlraley@Illinois.edu](mailto:jlraley@Illinois.edu)).**
- d) Electronic copies are deposited in gradescope.**

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The link for uploading an assignment “expires” after 11:59 p.m. on the due date. You can upload a late assignment up to 48 hours after the due date, and then that link expires, too. To turn in assignments >48 hours late, you will have to email Celia and grovel. Get *something* turned in by the deadline!

## **2. What should you do if you must miss a class?**

- a) Nothing, just turn the homework in on time.**
- b) Email [phys496@physics.illinois.edu](mailto:phys496@physics.illinois.edu) in advance, explain why you will be absent, and arrange to make up missed class activities.**
- c) Call the instructors before 6:00 a.m. on Friday morning, explain why you will be absent, and arrange to turn in homework the following week.**
- d) Have a friend take notes and hope nobody notices you're gone.**

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d) Have a friend take notes and hope nobody notices you're gone.

**Do c) at your peril.**

**3. If you miss the deadline for submitting a homework assignment, can you still rewrite it for additional points?**

- a) Yes.**
- b) No.**
- c) It depends.**
- d) I don't know.**

### 3. Can any homework assignment be revised for additional points after it has been graded?

- a) Yes.
- b) No.
- c) It depends
- d) I don't know.

Some assignments are and some are not rewrite eligible. Life doesn't always give you a do-over. Check the homework instructions or assignment summary on the course website for rewrite eligibility.

### 3. Can any homework assignment be revised for additional points after it has been graded?

a) Yes.

b) No.

c) It depends

d) I don't know.

**Assignments submitted after the posted deadline may *never* be revised for additional points, no matter how much you beg. Get your assignments turned in by the deadline.**

## **4. Which is an acceptable reason for requesting a deadline extension on a homework assignment?**

- a) Too much homework for other classes.**
- b) Partied too hard on Thursday night.**
- c) Uncontrolled bleeding from a major artery.**
- d) Just didn't get around to it.**

## 4. Which is an acceptable reason for requesting a deadline extension on a homework assignment?

- a) Too much homework for other classes.
- b) Partied too hard on Thursday night.
- c) Uncontrolled bleeding from a major artery.
- d) Just didn't get around to it.

Don't let yourself fall behind with your homework assignments—getting back on track is HARD. The PHYS 496 schedule is relentless.

Get your assignments turned in by the deadline.

## 5. How many colloquium reports are required?

- a) One.
- b) Four.
- c) Two.
- d) Twelve.

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a) One.

b) Four.

c) Two.

#1—Due by October TBD

#2—Due by November TBD

d) Twelve.

Only two colloquium reports are required. They are much easier to do if you write them immediately after colloquium; you can turn them in at any time before the deadline.

## 5. Where can you get help for written assignments?

- a) From the *Writer's Workshop* in Grainger Engineering Library.
- b) From the instructors.
- c) In-person consultations at the Main Library.
- d) Drop-in consultations via Zoom.
- e) All of the above.

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# What is the PHYS 496 motto?

- a) Never confuse motion with action—*Benjamin Franklin*
- b) Ask early! Ask often!
- c) Hypothetical questions get hypothetical answers—*Joan Baez*
- d) All models are wrong, but some are useful—*G.E.P. Box*
- e)  $E = \text{milk chocolate}^2$

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