

PHYS 110 – Lecture 7

Today: “Nuts & bolts of being an Illinois Physics student”

- Announcements
- Academic integrity, dropping & withdrawing, proficiency exams, transfer credit, etc.
- Student panel

Events this week

Physics RSOs:

- Society for Women in Physics (SWIP) – “Crackpot Physics Night”
Tuesday Oct. 11, 7-8pm, in Loomis 222
- Society of Physics Students (SPS) – Shark Tank themed event
Tuesday Oct. 11, 8-9pm, in Loomis 222

Physics Undergraduate Office:

- Q & A Session on LAS & ENG Physics program changes
Thursday Oct. 14, 5-6 pm by Zoom (link sent in email)

Only 1 week of Phys 110 left!

Don't forget!

- PHYS 110 grade is satisfactory (S) or unsatisfactory (U)

You **must**:

- **Participate in 4 classes** by iClicker (for in-person students) or by Zoom (for remote students) **83%**
- **Complete** the Division of Research Safety online Laboratory Safety Training (by Oct. 16), and email the certificate of completion to majones2@illinois.edu **40%**

Check course website & gradebook!

<https://courses.physics.illinois.edu/phys110/fa2021/>

A collection of various metal bolts and nuts scattered on a light surface. The bolts are of different sizes and types, including hex bolts, screws, and nuts. The image is overlaid with a semi-transparent blue filter.

Nuts & Bolts of Being an Illinois Physics Student

Academic Integrity

“Honesty is an indispensable foundation of teaching, learning, research, and service, and a necessary prerequisite for full realization of trust, fairness, respect, and responsibility.”

The Fundamental Values of Academic Integrity, ICAI @ Clemson

Academic Integrity

See student code: <https://studentcode.illinois.edu/article1/part4/1-401/>

Helpful guide: <https://provost.illinois.edu/policies/policies/academic-integrity/students-quick-reference-guide-to-academic-integrity/>

What is an infraction of academic integrity?

- Cheating – using or attempting to use unauthorized materials
- Plagiarism – representing the words, work, or ideas of another as your own
- Fabrication – the falsification or invention of any information, including citations
- Facilitating Infractions of Academic Integrity – helping or attempting to help another commit an infraction
- Bribes, Favors, and Threats – actions intended to affect a grade or evaluation
- Academic Interference – tampering, altering or destroying educational material or depriving someone else of access to that material

Cheating

- Use or attempt to use unauthorized information, study aids, or electronic data in any academic exercise materials (includes books, notes, calculators, online resources, communication with others, etc.)
- Students should assume that external assistance is prohibited unless specifically authorized. Course websites & instructors usually make a clear statement of policies in advance (often at stake in the case of take-home exams)
- “I did not know” is not an excuse. Ask instructors for clarification if you are unsure of their expectations.

iClicker Question: A hypothetical case

Physics 444 has an open-note take-home exam. A student taking the exam is stuck on one problem and decides to check for a solution online, but in the end leaves the answer to the problem blank.

Is this cheating?

A. Yes

B. No



This is cheating! The student is using external assistance, not own notes.
Attempt to use external assistance (whether successful or not) is still cheating.

Plagiarism

- Giving the *impression* that someone else's words, ideas, figures, etc. belong to you (often at stake in Advanced Composition classes, publications, etc.)

Tips for avoiding plagiarism:

- Never copy phrases longer than 4 words (includes text from publication, paper draft with advisor, figure captions, website, etc.)
 - Note: providing a citation to a bibliographic entry or footnote does not make copying words OK
- Paraphrase instead, i.e. express the idea or meaning using different language
- Use direct quotations, identified by quotation marks or by indentation and citation (not often used in technical writing)

iClicker Question: A hypothetical case

A student re-uses paragraphs from a paper he wrote last semester and puts it into a new assignment, and doesn't cite it because it's his own work.

Is this plagiarism?

A. Yes

B. No

This is self plagiarism! The issue at stake: the professor will assume that the student created the content for the new assignment.



Consequences of academic integrity infraction

- Fail assignment
- Fail class
- Suspended from university
- Loss of job opportunities
- Loss of reputation



Be great! Don't cheat or steal ideas or words.

Academic integrity is handled through the online FAIR system

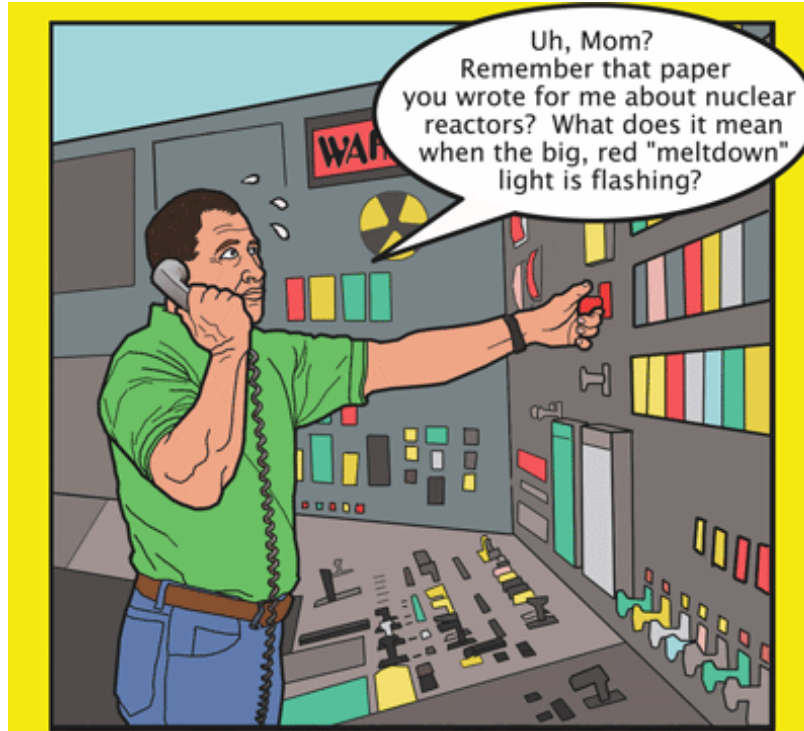
Procedure:

- Instructor files case
- Instructor proposes sanction
- Student can respond and provide evidence
- Instructor can reconsider case & sanction, then issues decision
- Student can appeal

The FAIR system protects your rights!

Instructors should not contact you regarding academic integrity infractions outside of the FAIR system.

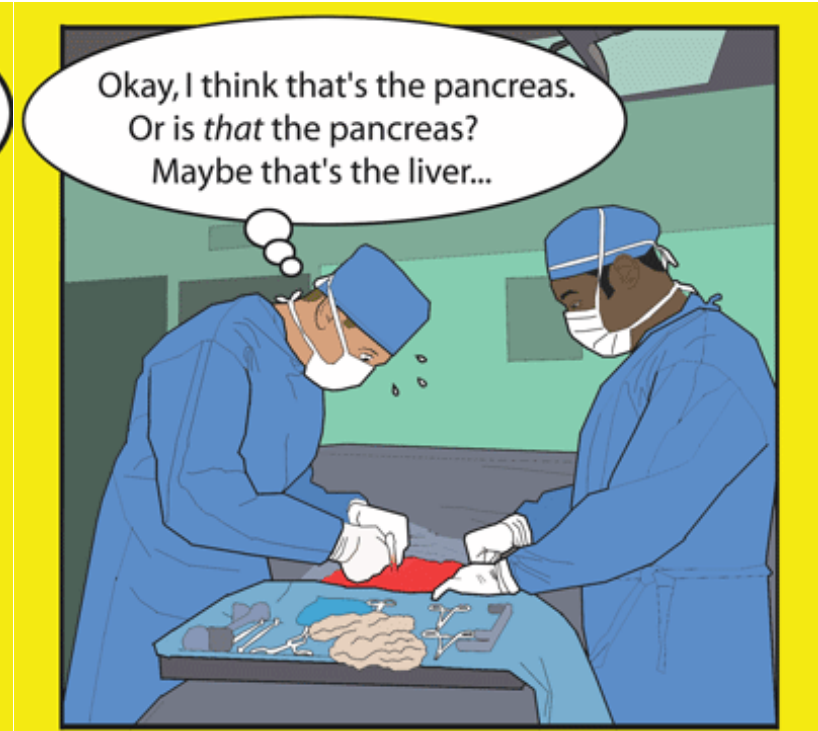
Academic integrity is important to society:
you are our future!



Smooth move.

ACADEMIC INTEGRITY
SMALL INVESTMENT. LIFETIME RETURNS.

A Message from **SHA** - The Student Honor Association



It doesn't take a brain surgeon to know that cheating is whack.

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Dropping vs withdrawing

What's the difference?

Drop (by deadline FRIDAY Oct. 15): class removed from transcript

LAS students: self-service

<https://apps.uillinois.edu/selfservice/>

ENG students: add/drop portal

<https://my.engr.illinois.edu/coursechanges>



Withdraw: petition to drop after deadline

“W” on transcript

Incomplete

Excused absence for final exam,
final project, or final assignment



“I” on transcript

Student petitions College for “Incomplete” grade

Plan with instructor to make up activity and replace grade

Proficiency Exam

Instrument to receive credit without taking class by demonstrating mastery

Each department has their own rules and dates. Check their website!

Physics:

- Offered for 10x & 21x before classes start each semester and during finals
- Can be taken only one at a time
- Cannot be taken once you have completed PHYS 325
- Must earn at least a B (80%) to pass



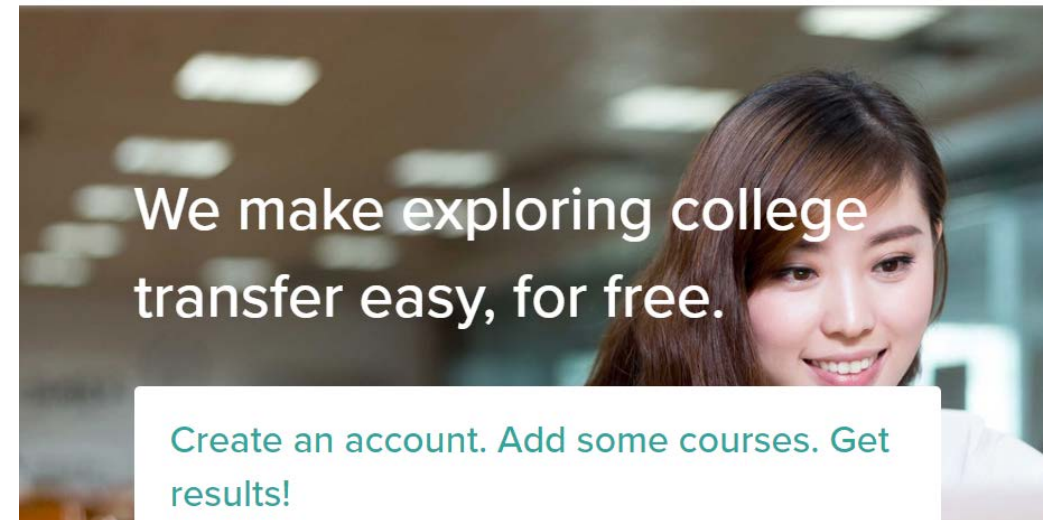
<https://physics.illinois.edu/academics/undergraduates/proficiency-exams>

Transfer credit

Check using a free tool:

<https://www.transferologylab.com/index.htm>

 Transferology



You must initiate the process!

Send syllabus to: ouacoursearticulation@illinois.edu

Include full name, UIN, transfer course subject and number, college of enrollment

Taking graduate courses

- You must ask permission
- You must meet the pre-requisites
- You must have completed most of your physics and general education requirements
- You cannot substitute for undergraduate courses

Professor...who wears a tie to class?

Scary (random) equations!



*What people who make clip art think a physics graduate class looks like

Pick up the form in Undergraduate Office (231 Loomis) or online

Independent Study

Earn credit for doing research: 1-4 credit hours

PHYS 199: freshmen

PHYS 497: sophomores & up

Pick up the form in Undergraduate Office
(231 Loomis) or online



Student panel

What are some tips for success in your classes?

What are some confusing things about classes at Illinois?

Last class next week!