

# Welcome to PHYS110!

Mondays, 4-4:50 pm, 141 Loomis

8 weeks, 0 CR, S/U

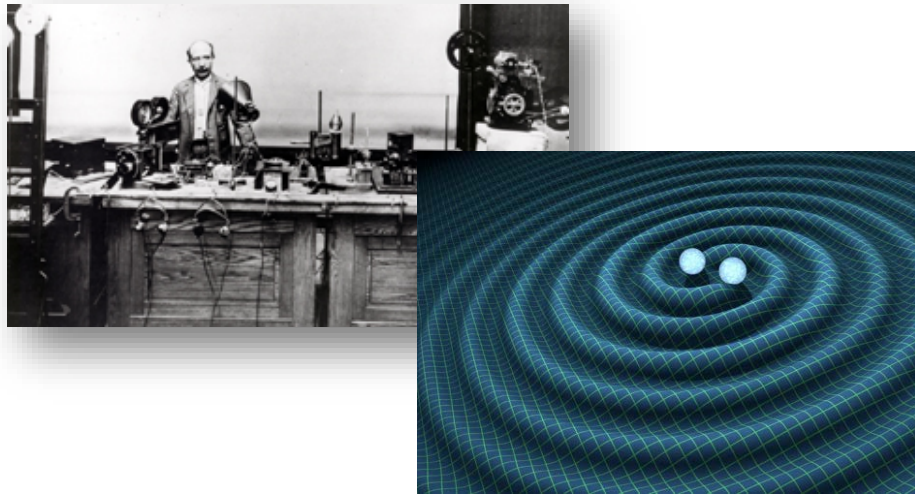


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290W Loomis



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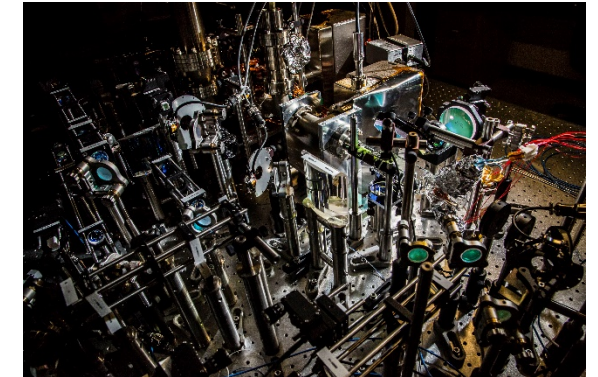
# PHYS110: Orientation for New Physics Majors



About the Physics Department



Support and Resources



Research Opportunities



Student Organizations

**ATTENTION PHYSICS STUDENTS: You Have Options**

Learn more at the Career Toolkit website: [www.spsnational.org/careerstoobox](http://www.spsnational.org/careerstoobox)

Freshman	Sophomore		Junior		Senior		
Fall	Spring	Fall	Spring	Fall	Spring	Fall	
PHYS 101 (2) General Education I	CS 101 (2) Intro Computing: Engg & Sci	MATH 241 (4) Calculus II	MATH 208 (2) Intro Differential Equations	MATH 415 (2) Applied Linear Algebra	PHYS 405 (2) Intro Phys & Quantum Theory	PHYS 401 (2) Flexible Core Elective	PHYS 401 (2) Flexible Core Elective
CHEN 301 (2) General Chemistry I	MATH 211 (2) Calculus II	PHYS 211 (4) University Physics I: E & M	PHYS 212 (2) University Physics II: E & M	PHYS 415 (2) Electromagnetic Fields	PHYS 402 (2) Flexible Core Elective	PHYS 402 (2) Flexible Core Elective	PHYS 402 (2) Flexible Core Elective
ENGL 100 (2) Engineering Communication	PHYS 213 (4) University Physics: Thermal & Optics	PHYS 214 (2) Intro Physics: Quantum Physics	PHYS 214 (2) Intro Physics: Quantum Physics	PHYS 415 (2) Flexible Core Elective	PHYS 403 (2) Flexible Core Elective	PHYS 403 (2) Flexible Core Elective	PHYS 403 (2) Flexible Core Elective
MATH 214 (4) Calculus III	GER (2) General Education Elective	GER (2) General Education Elective	PHYS 305 (2) Classical Mechanics I	PHYS 305 (2) Classical Mechanics I	PHYS 404 (2) Flexible Core Elective	PHYS 404 (2) Flexible Core Elective	PHYS 404 (2) Flexible Core Elective
PHYS 102 (2) Physics Concepts	GER (2) General Education Elective	GER (2) General Education Elective	GER (2) General Education Elective	PHYS 405 (2) Mechanics	PHYS 405 (2) Mechanical Professional Elective	PHYS 405 (2) Mechanical Professional Elective	PHYS 405 (2) Mechanical Professional Elective
BIOPH 101 (4) Biology and Research			PHYS 311 (2) Mechanical Professional Elective	PHYS 311 (2) Mechanical Professional Elective	PHYS 406 (2) Mechanical Professional Elective	PHYS 406 (2) Mechanical Professional Elective	PHYS 406 (2) Mechanical Professional Elective
GER (2) General Education Elective							
15 hours	16 hours	36 hours	16 hours	18 hours	15 hours	16 hours	14-17 hours

Curriculum

# COVID-19 guidelines

## **Vaccination/testing guidelines:**

- All students (who are able to) must be fully vaccinated\* with a university-accepted vaccine if they plan to be on campus for Fall 2021 semester
- Unvaccinated students (e.g. due to health conditions) must take campus COVID-19 test (every 2 days) for compliance and building access
- Vaccinated persons are NOT required to be tested

## **Face covering/social distancing guidelines:**

- Everyone required to wear mask (regardless of vaccinations status) indoors
  - Unvaccinated individuals required to wear mask indoors and outdoors when unable to socially distance
  - Masks can be removed temporarily to eat/drink
- No social distancing requirements indoors

\*defined as 14 days after final dose

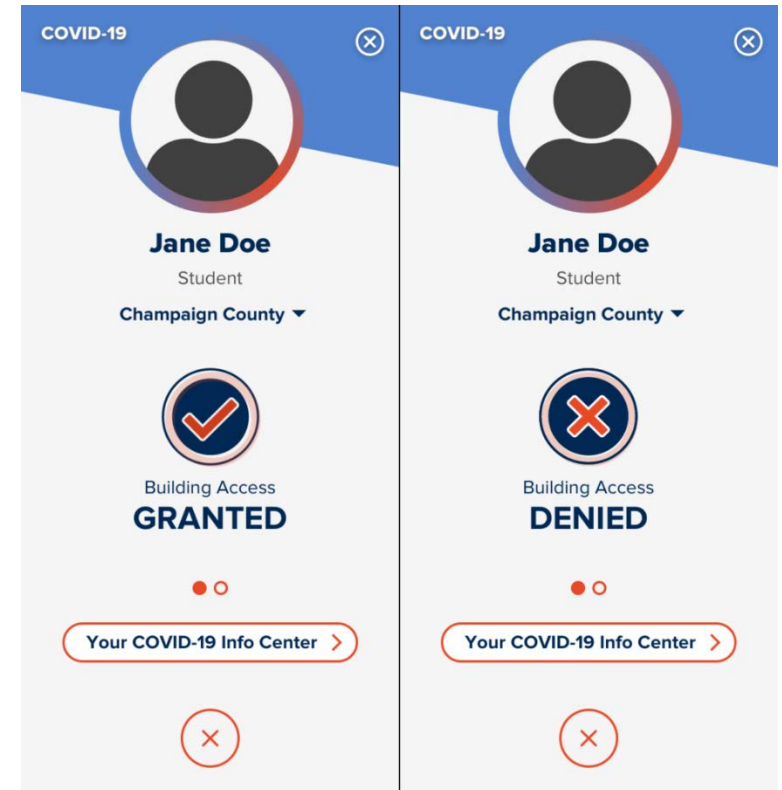
# Compliance checking

## Safer Illinois App:

- Safer Illinois App (or Boarding Pass) contains current vaccination/testing status, provides proof of compliance
- Make sure you download app and upload vaccination documents
- Expect to provide proof of compliance several times/day

## Who will check compliance:

- Wellness Support Associate (WSAs) at building entrances
- Instructors & TA's in class



<https://covid19.illinois.edu/>

# PHYS110: Orientation Course for New Majors

**Course Components:** Lectures & Speakers  
Mentor breakout discussions  
**Laboratory Safety Training**

**Website:** Syllabus, Schedule, Gradebook, ...

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

# iClicker question #1

I brought my iClicker to class today:

A: yes

B: no

C: iClicker, what's an iClicker?



# Physics Student Organizations

# Meet Your Peer Mentor

What area of Physics are you most interested in?

What was Zoom school like for you last year?

What resources would help enhance your experience at Illinois?



### **Mentor group 1**

Abbamonte, Cecilia

Taparia, Rishi

Abi-Karam, Joseph Jean-Pierre

Carey, Aidan Matthew

Carmona, Kishin Michael

Dunham, Dylan Alexander

Eckstein, James Kenzo

Heredia, Michael Adams

Hofmann, Gage

Kozintsev, Daniel

Kshatriya, Akash

More, Shubham Vishwas

Morrison, Aidan Marx

Santiago Vazquez, Lorenzo

Savalia, Yash Shailesh

Sweeney, Michael

Szczerba, Michal

Wang, Yifan

Warner, Derek

### **Mentor group 2**

Aldrees, Nawaf Abdullah

Singhal, Yaashnaa

Allen, Eleanor Ann

Burda, Jefferson Shamet

Chanan, Shivjeet

Di Cristofano, Alex

Egly, Matthew Kevin

He, Andrew Ray

Hood, Zachary Allen

Kompella, Vedanta Vishnu

Kubakh, Martha T

Mohapatra, Om

Muthu Subramanian, Pranav

Shrinivas

Salzetta, Marco Christian

Schmitt, Matthew Dean

Sudhaman, Shishir

Tort Serrataco, Javier

Wang, Xinyue

Wei, Chenhao

### **Mentor group 3**

Banerjee, Tathagata

Raina, Anmol

Anand, Rohith Sudarshan

Bseiso, Sary

Chang, Chieh

Dayalani, Karan

Fajardo, Chandler Kyle

Han, Andrews Kong

Hurst, Nicholas J

Kittivanichkulchai, Hannah Elizabeth

Lan, Minghao

Milicevic, Milenko

Nair Rajeev, Varun

Rosentel, Joseph Kenneth, III

Schreiber, Charles Maximillian

Su, Lyuwei

Tsai, Chia-Ho

Wang, Xingyu

Wilberg, Richard S

### **Mentor group 4**

Burke, Michael Patrick

Pillai, Jaydeep Rajeev

Anderson, Morgan

Bose, Shivaditya

Chaturvedi, Aarnav

Crandall, Liam Sean

Fernandes, Nicolas Frazao

Hamilton, Nicholas Scott

Hutchins, Elise Lynnea

Khot, Ayush Rajendra

Li, Luke Boling

Mason, Samuel Alexander

Narasimhan, Rohan

Roberts, Alexander Sterling

Shaffer, Alexander Winslow

Spath, Alexander K

Ursu, Alexander Ermil

Wang, Haotian

Wu, Heyun

**Mentor group 5**

Dallal, Tamar Aziza

Patterson, Gillian Sloane

Aramanekoppa, Aniruddha Girish

Biju Sebastian, Ryan

Chen, Peng

Coughlin, Matthew Charles

Foley, Declan John

Gutknecht, Emily Rose

Jaiswal, Kanishk Chinmay

Kaushik, Vishvesh Ramaswamy

Li, Sizhe

Manley, Eric Timothy

Nibhanupudi, Spoorthi

Rheintgen, Michael A

Shaw, Ashley Michelle

Solheim, Eric Riley

Ursu, Tudor Gabriel

Wang, Chengyi

Xu, Yiwei

**Mentor group 6**

Frankowski, Steven Louis

Patel, Sahaj

Baek, Woongjae

Bianchi, Matthew Gerard

Chimaladinne, Sudhish K

Corral, Isaac Isaiah

Garg, Shorya

Gupta, Vinit

Jammi, Shreyas

Kang, Hangoo

Lin, Jeremiah

Mande, Aarav Amit

Ning, Yuxin

Raymundi Pinheiro, Natalia

Sherman, Elliot Henry

Sivakumar, Rishi

Vaidya, Arjun Milind

Wang, Cheng

Yang, Yu

Zhou, Harry Yian

### **Mentor group 7**

Gonzalez, Antonio Miguel

Olson, Margaret Solveig

Balicki, August Johnson

Bhullar, Armaan Rajab

Chit-Arkah, Siravid

Cook, Anne Lauren

Glasheen, August Dolan

Gupta, Siddharth

Jayanth, Janani Sumitra

Kang, Haaneol

Lybarger, Haddon Matthew

Mamaril, Caitlin Meora Aniceto

Norlander, Michael Gustav

Rao, Shreyas Sudarshan

Shim, Jung Moo

Sinha, Soham

Varghese Vellara, Vinay

Wang, Allen

Yin, Hanlin

Zhang, Ruoyou

### **Mentor group 8**

Kelly, Christian E

O'Leary, Daniel Joseph

Barry, John Wesley

Bhakat, Anay

Chiu, Jolim

Coelho De Souza Krzonkalla, Rafael

Goel, Lakshman

Guan, Ysabel

Jeeninga, Elizabeth M

Kalyanaraman, Hrishikesh

Maatah, Ahmad Y

Malka, Yoav

Okrzesik, Michael Joseph

Raghavendra, Savya

Siddiqui, Ebaad Hamid

Singh, Prerana

Vasisht, Ojas

Vogt, Nathan

You, Boyu

Zhang, Jialin

**Mentor group 9**

Kotak, Mit Amit

Li, Shunjie

Baysore, Joshua Mark

Benson, John James

Choi, Hyongjoo

Chou, Cheng-Ting

Goodwin, Hulya Yasmin

Granat, Jackson Everett

Julian, Michael Waldron

Kadiri, Thejas S

Mahaadev, Pranav

Makatura, Robert Albert, III

Pinkayan, Punn

Radecki, Martin Jack

Silberman, Joseph Robert

Sillah, Najeo Mary

Vasko, Jason R

Vazquez, Mauricio

Yun, Felix

Zhang, Jiahao

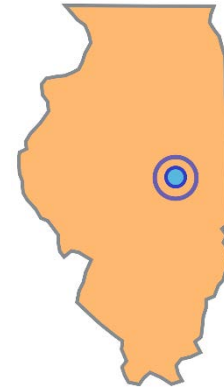
Welcome week social:

*Pizza on the Patio*  
after class on the MRL patio\*



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PhysiS Van



PhySAβ

\*Actually, *Individually Wrapped Cookies on the Patio*