

## PHYS 206A: PROBLEM SOLVING FOR PHYS-205A

SYLLABUS (Fall 2022)

*Department of Physics, Southern Illinois University–Carbondale*

Last updated: August 23, 2022

### 1 General information:

Instructor: K. V. Shajesh

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Web-page: <http://www.sphysics.com>

Class meetings: T 3-4 PM, in Neckers 410.

Office hours: MWF 3-4 PM; TR 11-12 PM; W 9:30-11 AM.

### 2 Prerequisites:

Concurrent enrollment in PHYS-205A.

### 3 Course description

The course will help to learn techniques for solving problems in PHYS-205A. Thus, it serves as a tutorial session for PHYS-205A. The student will work on problems related to the concepts covered in PHYS-205A with leads from the instructor.

#### Grading

Attendance is compulsory. Submission of the work completed in each class will be graded for participation.

#### Assessment

|                       |   |
|-----------------------|---|
| $90 \leq x' \leq 100$ | A |
| $80 \leq x' < 90$     | B |
| $70 \leq x' < 80$     | C |
| $55 \leq x' < 70$     | D |
| $0 \leq x' < 55$      | F |

### 4 Syllabus Attachment

The Provost Office has put together a “Syllabus Attachment” to assist the student. It lists and provides web links for many elements that are important for a student. Kindly find it appended.

# Syllabus Attachment

Fall 2022

## MISSION STATEMENT FOR SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

SIU embraces a unique tradition of access and opportunity, inclusive excellence, innovation in research and creativity, and outstanding teaching focused on nurturing student success. As a nationally ranked public research university and regional economic catalyst, we create and exchange knowledge to shape future leaders, improve our communities, and transform lives.

### IMPORTANT DATES

|  |               |
|--|---------------|
| <u>Semester Classes Begin</u> .....                                      | 08/22/2022    |
| <u>Last day to add full-term course (without Dean's signature)</u> ..... | 08/28/2022    |
| <u>Last day to withdraw from the University with a full refund</u> ..... | 09/02/2022    |
| <u>Last day to drop a full-term course for a credit/refund</u> .....     | 09/04/2022    |
| <u>Last day to drop a full-term course (W grade, no refund)</u> .....    | 10/30/2022    |
| <u>Final examinations</u> .....  | 12/12-16/2022 |

Note: Please verify the above dates with the Registrar calendar and find more detailed information on deadlines at <http://registrar.siu.edu/calendars>. For add/drop dates that apply to shorter-than-full-term courses, please look at the Schedule of Classes search results at <http://registrar.siu.edu/schedclass/index.php>.

### FALL SEMESTER HOLIDAYS

Labor Day 09/05/2022  
Election Day 11/08/2022  
Veterans Day 11/11/2022  
Thanksgiving Break 11/19-11/27/2022

### DIVERSITY

Southern Illinois University Carbondale's goal is to provide a welcoming campus where all of our students, faculty and staff can study and work in a respectful, positive environment free from racism and intimidation. For more information visit: <http://diversity.siu.edu>. Additional [informational flyer](#).

### DISABILITY SUPPORT SERVICES

SIU Carbondale is committed to providing an inclusive and accessible experience for all students with disabilities. Disability Support Services coordinates the implementation of accommodations. If you think you may be eligible for accommodations but have not yet obtained approval please contact DSS immediately at (618) 453-5738 or <https://disabilityservices.siu.edu>. You may request accommodations at any time, but timely requests help to insure accommodations are in place when needed. Accommodations and services are determined through an interactive process with students and may involve consideration of specific course design and learning objectives in consultation with faculty.

### MILITARY COMMUNITY

There are complexities of being a member of the military community and also a student, and military and veteran related developments can complicate academic life. If you are a member of the military community and in need of accommodations please visit Veterans Services at <http://veterans.siu.edu/>.

### STUDENT MULTICULTURAL RESOURCE CENTER

The Student Multicultural Resource Center serves as a catalyst for inclusion, diversity and innovation. As the Center continues its work, we are here to ensure that you think, grow and succeed. We encourage you to stop by the Center, located in the Student Services Building Room 140, to see the resources available and discover ways you can get involved on the campus. Visit us at: <https://smrc.siu.edu/>.

### SALUKI CARES

The purpose of Saluki Cares is to develop, facilitate and coordinate a university-wide program of care and support for students in any type of distress—physical, emotional, financial, or personal. By working closely with faculty, staff, students and their families, SIU will continue to display a culture of care and demonstrate to our students and their families that they are an important part of the community. For Information on Saluki Cares: Call (618) 453-2461, email [siucares@siu.edu](mailto:siucares@siu.edu), or <http://salukicare.siu.edu/>.

### SAFETY AWARENESS FACTS AND EDUCATION

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: <http://safe.siu.edu>

### COVID-19

SIUC's policy on face masks and social distancing is consistent with the guidance from the Centers for Disease Control and Prevention and the Illinois Department of Public Health. For up-to-date information, students, faculty, and staff should visit SIUC's COVID website ([siu.edu/coronavirus](http://siu.edu/coronavirus)), which includes the Saluki Safety Plan. People can also send an email to [pandemicinfo@siu.edu](mailto:pandemicinfo@siu.edu).

### MONKEYPOX

SIUC is monitoring the developments with monkeypox. Monkeypox can affect anyone regardless of gender identity or sexual orientation, and we ask that our campus community remember our commitment to diversity, equity and inclusion. Students who suspect they may have monkeypox may visit [Student Health Services](#) for evaluation. Additional information can be found on the [CDC website](#).

### WITHDRAWAL POLICY ~ Undergraduate only

Students who officially register for a session must officially withdraw from that registration in a timely manner to avoid being charged as well as receiving a failing grade for those classes. An official withdrawal must be initiated by the student, or on behalf of the student through the academic unit, and be processed by the Registrar's office. For the proper procedures to follow when dropping courses and when withdrawing from SIU visit: <http://registrar.siu.edu/students/withdrawal.php>.

### SIU's EARLY WARNING INTERVENTION PROGRAM (EWIP)

Students enrolled in courses participating in SIU's Early Warning Intervention Program might be contacted by University staff during a semester. More information can be found at the Core Curriculum's webpage: <https://corecurriculum.siu.edu/for-faculty/>.

### EMERGENCY PROCEDURES

We ask that you become familiar with Emergency Preparedness at SIU. Emergency response information is available on posters in buildings on campus, on the Emergency Preparedness at SIU website, and through text and email alerts. To register for alerts visit: <http://emergency.siu.edu/>.

### CATALOGS

[catalog.siu.edu](http://catalog.siu.edu)  
[gradcatalog.siu.edu](http://gradcatalog.siu.edu) - Graduate policies often vary from Undergraduate policies. To view the applicable policies for graduate students, please refer to the graduate catalog.

### CENTER FOR LEARNING AND SUPPORT SERVICES

Tutoring: <http://tutoring.siu.edu/>  
Math Labs: <http://math.siu.edu/courses/course-help.php>

WRITING CENTER: <http://write.siu.edu/>

### PLAGIARISM

See the Student Conduct Code: <http://srr.siu.edu/student-conduct-code/>

### INCOMPLETE POLICY~ Undergraduate only

<http://registrar.siu.edu/grades/incomplete.php>

### REPEAT POLICY

<http://registrar.siu.edu/students/repeatclasses.php>

MORRIS LIBRARY HOURS: <http://libguides.lib.siu.edu/hours>

ADVISEMENT: <https://advisement.siu.edu/>

SIU ONLINE: <https://online.siu.edu/>

Need help with an issue? Visit SALUKI SOLUTION FINDER at <http://solutionfinder.siu.edu/>