SYLLABUS
Physics 203B: College Physics
Instructor: April Hendley
Spring 2016

I. TIME/PLACE: 10:00 a.m.-10:50 a.m. MWF Neckers 440 (Lecture Hall).

II. CONTACT INFORMATION for Ms. Hendley

Office: Neckers 462
Phone: 618-453-2272
Email: ahendley@siu.edu
Office Hours: Tues. and Thurs.: 3:00 pm – 4:00 pm
Wed. and Fri.: 2:00 pm – 4:00 pm
Other times: By appointment.

III. REQUIRED RESOURCES

TEXTBOOK: Physics 9th Edition by Cutnell and Johnson

SYLLABUS: This syllabus is available for download on SIU Online.

IV. COURSE OBJECTIVES:

Main Course Objectives:
- Learn about the fundamental laws and principles of Physics, particularly those relating to electricity, magnetism, light, and some modern physics.
- Understand how the scientific method operates.
- Learn how to solve algebra-based physics problems.

V. COURSE STRUCTURE

Lectures:
- Lectures will be a combination PowerPoint presentations and chalkboard presentations.
- Lectures will also include demos and/or simulations on occasion.
- We will go over some example to practice the concepts.

Home Work:

Online homework, using WebAssign, will be assigned roughly once a week. Late homework is generally not accepted. The lowest homework score will be dropped.
Quizzes:

There will be four short (~10 minutes) quizzes during the semester. The lowest quiz score will be dropped. Late quizzes will only be accepted for the documented reasons outlined in the Missed Work Policy below.

Midterm Exams:

There will be three full class-long exams, which will be announced roughly a week in advance, in class. You will get to drop your lowest exam grade, hence there will be NO MAKE UP EXAMS, unless your absence from the exam is properly authorized (see Missed Work Policy).

Missed Work Policy:

Valid reasons for missing an Exam or Quiz are limited to properly documented:
- Religious Observance;
- Military Duty;
- Bereavement (only members of the immediate family);
- Official University business;
- Jury Duty or Court Appearance;
- Properly documented medical reason (Doctor’s certificate stating that the student was incapable of attending the exam; notes from the Student Health Services that the student was there at the time are not sufficient).

It is the student’s responsibility to use the appropriate University form for Excused Absences to request accommodation from the instructor in case an exam is missed. Except in cases of medical emergency, this University form needs to be given to the instructor before the absence occurs.

Final Exam:

The final exam is comprehensive. Final Exam will be on Wednesday, May 11 from 10:15 a.m. to 12:15 p.m. in Neckers 440.

VI. GRADES

Breakdown: Homework: 24 %
Quizzes: 12 %
Midterm Exams: 34 %
Final Exam: 30 %

TENTATIVE Grade Scale: A: 85.0 -100
B: 75.0 - 84.9
C: 65.0 - 74.9
D: 50.0 - 64.9
F: 0 - 49.9
VII. TENTATIVE SCHEDULE: We will follow this schedule as closely as possible, but the schedule is subject to change due to time considerations.

<table>
<thead>
<tr>
<th>Week of</th>
<th>Exam/Quiz</th>
<th>Chapter #</th>
</tr>
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<tbody>
<tr>
<td>Jan. 18</td>
<td>Monday: Martin Luther King Jr. Holiday: No Class</td>
<td>18: Electric Forces and Electric Fields</td>
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<tr>
<td>Jan. 25</td>
<td>18: Electric Forces and Electric Fields</td>
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<tr>
<td>Feb. 1</td>
<td>19: Electric Potential</td>
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<tr>
<td>Feb. 8</td>
<td>Quiz 1</td>
<td>20: Electric Circuits</td>
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<td>Feb. 15</td>
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<td>20: Electric Circuits</td>
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<tr>
<td>Feb. 22</td>
<td>Exam 1</td>
<td>21: Magnetic Forces and Magnetic Fields</td>
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<tr>
<td>Feb. 29</td>
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<td>21: Magnetic Forces and Magnetic Fields</td>
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<tr>
<td>Mar. 7</td>
<td>Quiz 2</td>
<td>22: Electromagnetic Induction</td>
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<td>Mar. 14</td>
<td>All Week: Spring Break: No Class</td>
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<tr>
<td>Mar. 21</td>
<td>Exam 2</td>
<td>22: Electromagnetic Induction</td>
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<td>Mar. 28</td>
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<td>24: Electromagnetic Waves</td>
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<td>Apr. 4</td>
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<td>25: Reflection of Light</td>
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<td>Apr. 11</td>
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<td>26: Refraction of Light</td>
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<tr>
<td>Apr. 18</td>
<td>Quiz 3</td>
<td>26: Refraction of Light</td>
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<tr>
<td>Apr. 25</td>
<td>Exam 3</td>
<td>27: Interference and Diffraction of Light</td>
</tr>
<tr>
<td>May 2</td>
<td>Quiz 4</td>
<td>28: Special Relativity Review for Final Exam</td>
</tr>
<tr>
<td>May 9</td>
<td>Final Exam</td>
<td>Wednesday, May 11: 10:15 am - 12:15 pm</td>
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VIII. ACADEMIC DISHONESTY IN PHYS 203B
This is to inform you of the policy regarding academic dishonesty in PHYS 203B. From the Student Conduct Code:

“2.1. Offenses Related to Academic Misconduct
   2.1.1. Plagiarism
          2.1.1.1. Submitting the work of another person or entity as your own.
          2.1.1.2. Failing to cite the work or data of another person or entity.
          2.1.1.3. Improperly citing the work or data of another person or entity.”
2.1.1.4. Submitting work which has been previously submitted for credit or evaluation without instructor approval.

2.1.2. Preparing work with the knowledge or intention that it may be represented as the work of another.

2.1.3. Sharing or disseminating tests, notes, slides, presentations, recordings or any other material which is the intellectual property of an instructor or of the university without prior approval. This does not prohibit a student from sharing his or her own papers, notes, or other written works in accordance with Article 2.1.2.

2.1.4. Knowingly falsifying scientific or educational data or representing falsified scientific or educational data as the result of scientific or scholarly experimentation or research.

2.1.5. Violating any restriction on collaboration which has been duly communicated by an instructor, via a syllabus, or otherwise in writing or orally in the course of instruction.

2.1.6. Attempting to obtain a grade or other academic credit through improper means, or otherwise subverting the educational process by any means whatsoever.

2.1.7. Soliciting, aiding, abetting, concealing, or attempting any act of academic misconduct.”

In the case of alleged academic misconduct, all allegations “must be reported to Student Rights and Responsibilities within 90 days of the discovery”, “the student will be notified of the allegation in writing”, and the “notification will be sent to the student, the Department Chair, the Dean of the relevant college and the Director of Student Rights and Responsibilities.” (Section 4.3 in the Student Conduct Code) The student must respond in writing within 5 days, after which time hearing will be held as outlined in Section 4.3 of the Student Conduct Code.

Possible sanctions imposed for academic misconduct include (see Section 5.3 of the Student Conduct Code):

- Academic Censure
- Adjustment of Grade on an Examination, Paper, Quiz, Test or Other Assignment
- Failure of an Examination, Paper, Quiz, Test or Other Assignment
- Adjustment of Course Grade
- Failure of a Course
- Suspension
- Expulsion
- Revocation of Degree
IMPORTANT DATES *

Semester Class Begins: ..............................................01/19/2016
Last day to add a class (without instructor permission): ..............01/25/2016
Last day to withdraw completely and receive a 100% refund: ........02/07/2016
Last day to drop a course using SalukiNet: ................................0.4/14/2016
Last day to file diploma application (for name to appear in Commencement program): .............................................02/05/2016
Final examinations: ................................................................05/09-05/13/2016

Note: For outreach, internet, and short course drop/add dates, visit Registrar’s Academic webpage http://registrar.siu.edu/

SPRING SEMESTER HOLIDAYS

Martin Luther King, Jr.'s Birthday Holiday 01/18/2016
Spring Break 03/12—03/20/2016

WITHDRAWAL POLICY ~ Undergraduate only

Students who officially register for a session may not withdraw merely by the stopping of attendance. An official withdrawal form needs to be initiated by the student and processed by the University. For the proper procedures to follow when dropping courses and when withdrawing from the University, please visit http://registrar.siu.edu/catalog/undergraduatecatalog.html

INCOMPLETE POLICY~ Undergraduate only

An INC is assigned when, for reasons beyond their control, students engaged in passing work are unable to complete all class assignments. An INC must be changed to a completed grade within one semester following the term in which the course was taken, or graduation, whichever occurs first. Should the student fail to complete the course within the time period designated, that is, by no later than the end of the semester following the term in which the course was taken, or graduation, whichever occurs first, the incomplete will be converted to a grade of F and the grade will be computed in the student's grade point average. For more information please visit: http://registrar.siu.edu/grades/incomplete.html

REPEAT POLICY

An undergraduate student may, for the purpose of raising a grade, enroll in a course for credit no more than two times (two total enrollments) unless otherwise noted in the course description. For students receiving a letter grade of A, B, C, D, or F, the course repetition must occur at Southern Illinois University Carbondale. Only the most recent (last) grade will be calculated in the overall GPA and count toward hours earned. See full policy at http://registrar.siu.edu/catalog/undergraduatecatalog.html

GRADUATE POLICIES

Graduate policies often vary from Undergraduate policies. To view the applicable policies for graduate students, please visit http://gradschool.siu.edu/about-us/grad-catalog/index.html

DISABILITY POLICY

Disability Support Services provides the required academic and programmatic support services to students with permanent and temporary disabilities. DSS provides centralized coordination and referral services. To utilize DSS services, students must come to the DSS to open cases. The process involves interviews, reviews of student-supplied documentation, and completion of Disability Accommodation Agreements. http://disabilityservices.siu.edu/

PLAGIARISM

Student Conduct Code http://srr.siu.edu/student_conduct_code/

MORRIS LIBRARY HOURS
http://www.lib.siu.edu/about

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

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: (618) 453-5714, or siucares@siu.edu,

http://salukicares.siu.edu/index.html

EMERGENCY PROCEDURES

Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. We ask that you become familiar with the SIU Emergency Response Plan and Building Emergency Response Team (BERT) programs. Emergency response information is available on posters in buildings on campus, available on BERT’s website at www.bert.siu.edu, Department of Safety’s website at www.dps.siu.edu (disaster drop down) and the Emergency Response Guideline pamphlet. Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.

INCLUSIVE EXCELLENCE

SIU contains people from all walks of life, from many different cultures and sub-cultures, and representing all strata of society, nationalities, ethnicities, lifestyles, and affiliations. Learning from and working with people who differ is an important part of education as well an essential preparation for any career. For more information please visit: http://www.inclusiveexcellence.siu.edu/

LEARNING AND SUPPORT SERVICES

Help is within reach. Learning support services offers free tutoring on campus and math labs. To find more information please visit the Center for Learning and Support Services website:

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

WRITING CENTER

The Writing Center offers free tutoring services to all SIU students and faculty. To find a Center or Schedule an appointment please visit http://write.siu.edu/

AFFIRMATIVE ACTION & EQUAL OPPORTUNITY

Our office's main focus is to ensure that the university complies with federal and state equity policies and handles reporting and investigating of discrimination cases. For more information visit: http://diversity.siu.edu/

Additional Resources Available:

SALUKINET: https://salukinet.siu.edu/cp/home/displaylogin

ADVICEMENT: http://advisement.siu.edu/

PROVOST & VICE CHANCELLOR: http://pvcaas.siu.edu/

SIU ONLINE: http://online.siu.edu/