I. TIME/PLACE: 11:00 a.m.-12:15 p.m. Tues. and Thurs. Neckers 440 (Lecture Hall).

II. CONTACT INFORMATION for Ms. Hendley

Office: Neckers 462
Phone: 618-453-2272
Email: ahendley@siu.edu
Office Hours:  Tuesday: 3:30 pm - 4:30 pm
              Wednesday: 10:00 am - 12:00 noon
              Thursday: 3:30 pm - 4:30 pm
              Friday: 10:00 am - 12:00 noon
              Other times: By appointment.

III. REQUIRED RESOURCES


LAB MANUAL: Physics 101 Lab Manual, William Atkinson. This is available for Download (PDF) from SIU Online

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.
- Relate these ideas to the physical world around us and to the world of ideas in which we live.
- Understand how the scientific method operates.
- Develop familiarity with conducting simple experiments in the lab portion.

V. COURSE STRUCTURE

There are TWO lecture groups in this course.
Lecture 1 involves lab sections # 1, 2, 3, 4, and 5
Lecture 2 involves lab sections # 6, 7, 8, 9, and 10

NOTE: The lectures, exams, homework assignment due dates in the two lecture groups may not occur on the same days.

Lectures:

Lectures will normally be in PowerPoint Presentation format.
Expected behavior during lectures:
- It is not acceptable to talk, make noise or to otherwise disrupt the class, thus preventing other students from hearing the lecture.
- Cell phones should be turned off during lecture.
- Aside from not contributing much to your learning this course, it is very impolite to read the Daily Egyptian during class; please do not do it.
If you need to talk, use your cell or read the paper, please step out of the lecture hall as quietly as possible.

Laboratory:

There are a total of seven laboratories in this course.
The lab class meets in Neckers 116.
Of the seven labs, your highest six will count for the grade.
One lab, your lowest, is dropped.
Since we are dropping the lowest lab grade, there are NO MAKE UP LABS.

For the purpose of the laboratories the 101 students are divided into two groups:
Group 1 is constituted by sections 1, 2, 3, 4, 5, 6, 7, and 9.
Group 2 is constituted by sections 8 and 10.
The first week of classes there are no Laboratories.
The second week of the semester Group 1 (sections 1, 2, 3, 4, 5, 6, 7, and 9) will have their first lab.
The third week of the semester Group 2 (sections 8 and 10) will have their first lab.
From this point on, labs alternate every week. Each section has a lab every other week (except for the week of Spring Break).

Home Work:

Homework will be assigned roughly once a week. Homework will be collected in class.
Late homework are not accepted because the solutions will be posted shortly after the homework are due. Late homework will only be accepted for the documented reasons outlined in the Missed Exam and Late Homework Policy below.

Exams:

There will be four full class-long exams, which will be announced 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 Exam and Late Homework Policy).

Missed Exam and Late Homework Policy

Valid reasons for missing an exam or turning in homework late 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 or submitting the homework on time; 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 the case of a late homework or missed exam. 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 Thursday May 14 from 10:15 a.m. to 12:15 p.m. in Neckers 440.**

VI. GRADES

Breakdown: Laboratories: 25%
Homework: 17.5%
Exams: 40%
Final Exam: 17.5%

**TENTATIVE** Grade Scale:
- A: 85-100
- B: 75-84
- C: 65-74
- D: 51-64
- F: 0-50

VII. ACADEMIC DISHONESTY IN PHYS 101

This is to inform you of the policy regarding academic dishonesty in PHYS 101. Any individual found cheating on any exam, quiz, or assignment will be failed in the course. The possession of any cheat-sheet during the final will be considered cheating and treated as such. Plagiarizing will be considered cheating. If another individual takes the quiz or final for you, then both will be reported for cheating. A report will be made to the proper authority for further disciplinary action including possible suspension from the university.

VIII. EMERGENCY PROCEDURES

Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. 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 www.dps.siu.edu (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency.

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. The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.
**TENTATIVE SCHEDULE:** We will follow this schedule as closely as possible, but the dates for the topics, exams, and reviews are subject to change.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab #/Lab Group</th>
<th>Lecture Dates</th>
<th>Lecture Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>No Lab</td>
<td>1/20</td>
<td>Astronomy</td>
</tr>
<tr>
<td>2</td>
<td>Lab 1 Group 1</td>
<td>1/22</td>
<td>Astronomy</td>
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<tr>
<td></td>
<td></td>
<td>1/27</td>
<td>Astronomy</td>
</tr>
<tr>
<td>3</td>
<td>Lab 1 Group 2</td>
<td>1/29</td>
<td>Astronomy/Atoms</td>
</tr>
<tr>
<td>4</td>
<td>Lab 2 Group 1</td>
<td>2/3</td>
<td>Atoms</td>
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<tr>
<td></td>
<td></td>
<td>2/5</td>
<td>Atoms</td>
</tr>
<tr>
<td>5</td>
<td>Lab 2 Group 2</td>
<td>2/10</td>
<td>Atoms/Math/Units/Motion</td>
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<tr>
<td></td>
<td></td>
<td>2/12</td>
<td>Review for Exam 1</td>
</tr>
<tr>
<td>6</td>
<td>Lab 3 Group 1</td>
<td>2/17</td>
<td>Exam 1</td>
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<td></td>
<td>2/19</td>
<td>Motion</td>
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<tr>
<td>7</td>
<td>Lab 3 Group 2</td>
<td>2/24</td>
<td>Motion/Forces</td>
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<td></td>
<td>2/26</td>
<td>Forces/Gravity</td>
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<tr>
<td>8</td>
<td>No Lab</td>
<td>3/3</td>
<td>Gravity/Energy</td>
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<td></td>
<td>3/5</td>
<td>Energy</td>
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<td>9</td>
<td>Lab 4 Group 1</td>
<td>3/10</td>
<td>Spring Break</td>
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<td></td>
<td>3/12</td>
<td>Spring Break</td>
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<td>10</td>
<td>Lab 4 Group 2</td>
<td>3/17</td>
<td>Review for Exam 2</td>
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<td>3/19</td>
<td>Exam 2</td>
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<td>11</td>
<td>Lab 5 Group 1</td>
<td>3/24</td>
<td>Thermo</td>
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<td>3/26</td>
<td>E&amp;M</td>
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<tr>
<td>12</td>
<td>Lab 5 Group 2</td>
<td>3/31</td>
<td>E&amp;M/Waves</td>
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<td></td>
<td></td>
<td>4/2</td>
<td>Waves/Light/Matter</td>
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<td></td>
<td></td>
<td>4/7</td>
<td>Light/Matter/Relativity</td>
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<td></td>
<td>4/9</td>
<td>Review for Exam 3</td>
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<tr>
<td>13</td>
<td>Lab 6 Group 1</td>
<td>4/14</td>
<td>Exam 3</td>
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<td>4/16</td>
<td>Relativity/Quantum</td>
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<td>14</td>
<td>Lab 6 Group 2</td>
<td>4/21</td>
<td>Quantum</td>
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<td>4/23</td>
<td>Quantum/Nuclear</td>
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<td>15</td>
<td>Lab 7 Group 1</td>
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<td>Review for Exam 4</td>
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<td>4/30</td>
<td>Exam 4</td>
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<td>16</td>
<td>Lab 7 Group 2</td>
<td>5/5</td>
<td>Nuclear</td>
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<td>5/7</td>
<td>Review for Final</td>
</tr>
</tbody>
</table>
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://safety.siu.edu](http://safety.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 promote 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 saluki.cares@siu.edu, [http://salukicares.siu.edu/index.html](http://salukicares.siu.edu/index.html)

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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 as an essential preparation for any career. For more information please visit: [http://www.inclusivexcelence.siu.edu](http://www.inclusivexcelence.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](http://tutoring.siu.edu)

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](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/](http://diversity.siu.edu/)

Additional Resources Available:

- SALUKINET: [https://salukinet.siu.edu/Nova/Home.html](https://salukinet.siu.edu/Nova/Home.html)
- ADVISEMENT: [http://advisement.siu.edu](http://advisement.siu.edu)
- SIU ONLINE: [http://online.siu.edu/](http://online.siu.edu/)

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