Syllabus – Fall 2015
Physics Laboratory 203 – 45T, 56W, 1R, 56F
Beauregard 228

Instructor: Dr. Kaisa Young
Office: Beauregard 163
Office Hours: MWF 8:15-9:30a, T 9-11a, M 1:15-3:30p, R 1-3p
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Department: Physical Sciences, 138 Beauregard Hall, 448-4502

Catalog Description: Phys 103/203. Basic Physics Laboratory. 1-0-3. Laboratory experiments in mechanics, heat, and sound.

Prerequisite: Credit or registration in PHYS 101/201.

Required Text: “Selected Experiments in Physics” by NSU Physics Staff. This text is available for purchase at the Nicholls Bookstore.

Student Outcome Objectives:

- The student will explore and encounter physical examples of the topics mastered in PHYS 101/201.
- The student will become proficient in laboratory procedures, which include attention to safety, observations, and documentation.

Course Content:

<table>
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<tr>
<th>Experiment</th>
<th>Tues.</th>
<th>Wed.</th>
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<tr>
<td>3. The Acceleration Due to Gravity</td>
<td>1-Sep</td>
<td>2-Sep</td>
<td>3-Sep</td>
<td>4-Sep</td>
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<td>4. Vector Addition and Subtraction</td>
<td>8-Sep</td>
<td>9-Sep</td>
<td>10-Sep</td>
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<td>5. Projectile Motion</td>
<td>15-Sep</td>
<td>16-Sep</td>
<td>17-Sep</td>
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<td>Midterm</td>
<td>22-Sep</td>
<td>23-Sep</td>
<td>1-Oct</td>
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<td>10. Densities of Solids and Liquids</td>
<td>3-Nov</td>
<td>4-Nov</td>
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<tr>
<td>Final Exam</td>
<td>17-Nov</td>
<td>18-Nov</td>
<td>19-Nov</td>
<td>20-Nov</td>
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We will meet in the Beauregard 166 Computer Lab for Experiments 3 and 7

Lab Times: Tues./Thurs. IT/1R: 7:30 – 10:15am, Tues. 45T: 12 – 2:45pm, Wed./Fri. 56W/56F: 11:50 – 2:35pm

Course Requirements and Methods of Evaluation:
The student can earn up to 475 points. The letter grades are assigned in usual fashion: A (≥90%), B (80-89%), C (70-79%), D (60-69%), and F (<60%). The points are assigned in these areas:

- Data and Analysis (275 pts): The student will earn up to 25 points, during each lab, for the data and analysis. These will include tables of data, calculations, and, when applicable, graphs or drawings.
- Midterm Exam (50 pts): The midterm will be cumulative and will have only a written component.
- Final Exam (95 pts): The final will be cumulative and consist of written and practical components. The final will cover material from all 11 laboratory experiments.
- Weekly quizzes (55): At the end of each lab, you will take a 5-question, multiple choice quiz worth 5 points.

Make-up Procedure: Unexcused absences from the lab will not be allowed for make-up. If the absence is excused, please see your professor as soon as possible, preferably before the absence. You may make-up a lab in another section if you arrange it in advance.

Attendance Policy: Attendance is essential and mandatory. Because group participation is important to the class, tardiness will carry consequences. If a student is tardy more than five minutes to class, points will be deducted from that student’s data and analysis grade for that particular experiment. If a student is tardy more than 20 minutes to class, the student will not be allowed to participate in the lab experiment and will be considered absent.

Drop Date: Friday, October 23, 2015, is the final date to receive an automatic “W” when dropping a course or resigning from Nicholls State University.
**Academic Honesty Policy:** Dishonesty in taking quizzes and completing the project will follow the guidelines set in the “Code of Student Conduct” manual. Having your cell phone out or headphones on during a quiz will be considered academic dishonesty. Consequences for academic dishonesty span from a failing grade on the assignment to suspension from the university.

**Multiple cheating offenses:** Section Five of the Code of Student Conduct, ‘Academic Dishonesty and Disruptive Behavior,’ includes a requirement that faculty file a charge complaint statement with their respective dean whenever a student is confronted or disciplined for cheating. The Office of Academic Affairs will maintain these records, and any student confronted and/or disciplined for multiple offenses of academic dishonesty will be brought before the Academic Affairs Integrity Committee for further review and potential sanctions. Please read the Code of Student Conduct for further details regarding this policy.

**Americans With Disabilities Act:** Students with a documented disability are entitled to classroom accommodations under the ADA. To receive accommodations, contact the Office of Disability Services at (985) 448-4430 or 158-A Shaver Gym. Additional information can be found at www.nicholls.edu/disability

**Academic Grievances:** The proper procedure for filing grade appeals or grievances related to academic matters is listed in Section 5 of the Code of Student Conduct and at the following link: [http://www.nicholls.edu/documents/student_life/code_of_conduct.pdf](http://www.nicholls.edu/documents/student_life/code_of_conduct.pdf)

**Continued Learning following an Extreme Emergency:** In order to make continued learning possible following an extreme emergency, students are responsible for:

- reading regular emergency notifications on the NSU website;
- knowing how to use and access the university designated electronic delivery system (such as Moodle);
- being familiar with emergency guidelines;
- evacuating textbooks and other course materials;
- knowing their designated electronic delivery system (such as Moodle) student login and password;
- contacting faculty regarding their intentions for completing the course.

**Faculty are responsible for:**

- their development in the use of the designated electronic delivery system (such as Moodle) software;
- having a plan for continuing their courses using only the designated electronic delivery system (such as Moodle) and email;
- continuing their course in whatever way suits the completion of the course best, and being creative in the continuation of these courses;
- making adjustments or compensations to a student’s progress in special programs with labs, clinical sequences or the like only in the immediate semester following the emergency.

**Assessment Statement:** Nicholls State University is committed to continuous improvement of student learning. To achieve this goal, the University has adopted a web-based assessment and e-Portfolio system called LiveText. With LiveText, students will have the ability to track their own growth and organize their college coursework while at the same time helping the university provide the best education possible now and in the future. Students will enjoy (1) space in the LiveText cloud to upload and store documents, presentations, and other files, (2) a single electronic place to organize and download projects from all courses for preparation of portfolios and other presentations to future employers and graduate school admissions, and (3) access to their personal assessment data as generated by the university.

Use of LiveText is a university requirement, and you will be required to upload assignments from this class as specified by the instructor. Therefore, unless you already have an account to use LiveText, you must purchase a license for LiveText for this class. Licenses for LiveText are paid through the University as an “Electronic Assessment License” and will be charged only once to each student. If you don’t already have an account, you will receive a “Key Code” through email at the beginning of this course that will permit you to establish one. You may use your LiveText account for up to five years. If you do not yet have a license to use LiveText, please contact renee.hicks@nicholls.edu within one week of the beginning of this course.

**Assisting with studying and assignments:**

- **The Tutoring Center at 143 Peltier Hall.** Call 985-448-4100, email: tutoring@nicholls.edu, or visit [http://www.nicholls.edu/academic-enhancement/](http://www.nicholls.edu/academic-enhancement/)
- **The Writing Center at 144 Peltier Hall.** Call 985-448-4100, email: tutoring@nicholls.edu, or visit [http://www.nicholls.edu/academic-enhancement/](http://www.nicholls.edu/academic-enhancement/)
- **Online Tutoring through Moodle.** Look for the Brainfuse log-in link on the home page, [http://moodle2.nicholls.edu/moodle/](http://moodle2.nicholls.edu/moodle/)