**Instructor Information**:

Name: Ms. Suzanne Bushnell MSU email: sbushnell@mcneese.edu

Office: Frasch 308B

Office Hours: MW 10-12:30, TR 9:20-9:50 and 2-4:30, F 10-11

Phone: (337) 475-5761

**Course Description**: **LCCN:** CPHY 2121, Physics II Lab (Algebra/Trigonometry Based). Algebra/Trig-based physics: experiments in electricity, magnetism, and light. Not intended for engineering majors.

**Co requisite:** PHYS 202 or PHYS 212.

**Textbooks/Required Materials**: Introductory Physics Laboratory I manual, calculator, lab notebook/binder, pencil, and a jump drive. (Note the jump drive must be FAT 32 format.)

**Course goals/objectives/student learning outcomes**:

Students completing this course will be able to:

* Understand and perform accurate measurements.
* Record and present experimental data in an appropriate manner.
* Examine and analyze experimental data.
* Plot experimental data in an appropriate manner.
* Extrapolate relationships/equations from analysis and plotting of data.
* Write lab reports in a manner appropriate of a science major.
* Demonstrate an awareness of audience and purpose.
* Construct logically ordered, adequately developed, and unified paragraphs.
* Construct grammatically correct sentences using a variety of structures.
* Demonstrate mastery of standard American English usage and mechanics.

**Assessment**: Student learning outcomes will be assessed by participation rubric and lab reports.

**Course Requirements and Evaluation**:

Grades will be based on 10 lab reports and participation rubric. NO labs will be dropped. Late labs will not be accepted. Lab reports are designed to assess the student learning outcomes and will include at least one of the following: graphing, analyzing graphs and data, questions relating to experiment, or discussion of objectives and results from lab (see instructions for lab write up). You must complete and turn in your own lab report (**there are no group assignments**). Lab reports will be submitted on Moodle by the due date stated online unless otherwise noted. Participation grades for the semester will be assessed using the participation rubric.

* Lab Reports (8) ……... 50%
* Full Lab Report (2) …..25%
* Participation ………..… 25%

A … 90-100%

B … 80-89.99%

C … 70-79.99%

D … 60-69.99%

**Class Attendance**:

Regular class attendance is essential to success in this course. Attendance will be taken at each lab. If you miss a lab, there will be a makeup lab at the end of the semester for only one missed lab. More than one missed lab will result in a ZERO for the lab report and it will be reflected in the participation rubric. No student will be assigned a “WN” for non-attendance.

**Methods of Instruction**:

Instruction will consist of short lectures, group discussions, and reading assignments.

**Course Content (experiment list)**: See table of contents in 206 lab manual.

**Course/University Policies**:

No food, drink, or tobacco products are allowed in the labs!

Cell phones should be turned off or set to vibrate mode. Students should leave class to answer any phone calls and are responsible for everything covered in lab during their absence.

Although students are encouraged to work together in performing and understanding experiments, lab reports must be done individually.  Lab reports which show substantial similarity may be regarded as plagiarism and be subject to the academic integrity policy (see below).  Both students who copy and students who allow their work to be copied may be subject to penalties under the academic integrity policy. A zero on a lab report due to violation of academic integrity cannot be dropped.

***Academic Integrity:***

*It is expected that all students will uphold the highest standards of academic integrity. Plagiarism, cheating, falsification and academic fraud will be dealt with according to MSU policies and may result in failure of either the assignment or the course. Information about the Academic Integrity Policy is located at* [*http://www.mcneese.edu/policy/academic-integrity-policy*](http://www.mcneese.edu/policy/academic-integrity-policy)

***Diversity and Sexual Harassment Policy:***

*Students should visit the MSU web page* [*http://www.mcneese.edu/policy/diversity\_awareness*](http://www.mcneese.edu/node/76)for *information about diversity awareness and sexual harassment policies and procedures.*

***Students with Disabilities:***

*It is the student's responsibility to register with the Office of Services for Students with Disabilities when requesting an academic adjustment in accordance with ADA. Any student with a disability is encouraged to contact the Office of Services for Students with Disabilities, Drew Hall, Room 200, (337) 475-5916 Voice, (337) 475-5878 FAX, (337) 562-4227 TDD/TTY, Hearing Impaired. Dr. Michael T. Snowden is the Chief Diversity Officer, Burton Business Center, Room 404, (337) 475-5428 Voice, (337) 475-5960 FAX, or (337) 562-4227 TDD/TTY, Hearing Impaired, cdo@mcneese.edu. McNeese ensures compliance with the Americans with Disabilities Act Amendments Act of 2008, Sections 503 and 504 of the Rehabilitation Act of 1973, other federal and state laws and regulations pertaining to persons with disabilities, and receives complaints regarding ADA access issues.*

*All students, including students with disabilities, are responsible for locating the designated emergency exits and the areas of refuge in a classroom building and are encouraged to develop and discuss an evacuation plan with the class instructor.*

*Accommodations: Students needing testing or classroom accommodations based on a disability are encouraged to discuss those needs with the instructor as soon as possible. For more information about eligibility for accommodations, contact the Office of Services for Students with Disabilities at 337-475-5916 or at http://www.mcneese.edu/swd.*

***Fire Drill Policy:***

*In compliance with federal regulation 29CFR1910.3, the National Fire Protection Association Standard NFPA 101, Life Safety Code, Section 4.7, and the State of Louisiana Office of Risk Management, McNeese State University will periodically conduct fire drills.  In the event of a fire drill or a related building emergency, all persons in a classroom are required to exit the building using posted escape routes or the Area of Refuge for individuals with disabilities.  All persons in class are required to follow the faculty member outside of the building to safety and are required to check in with the faculty member to ensure that everyone has safely exited the building.  The official "all clear" must be given by emergency responders before anyone is allowed to re-enter the building.* [*http://www.mcneese.edu/policy/fire-drill-policy*](http://www.mcneese.edu/policy/fire-drill-policy)