

Phys 382 Advanced Physics Lab Course Syllabus Fall 2011

Instructor: Robert Hermann email: Robert.Hermann@cune.edu
Phone: 7447 Office Hours: 10:10 – 11:00 MWR; 2:10 – 4:00 MWR; 8:30 – 9:20 F
Office: Science 204 and by appointment (or just stop by and find me)

Text: The Craft of Research 3rd Ed, by Booth, Colomb,& Williams

Course Info: Credit Hours: 1
Meeting Times: 12:10 - 1:00 pm F in Science 215

Description: Selected experiments in modern physics requiring library research and extensive writing of lab reports.

Attendance: You are expected to be in class, and you are responsible for the material covered in each class and any work assigned or collected in each class. Late work will not be accepted, except with prior, written approval from the instructor. Quizzes may not be made up for any reason. Please notify me about absences beforehand if possible. Problems will be addressed individually.

Grading: Your grade will be based on your performance on background papers which explain the history and theory of the lab, and on the actual lab write-ups, which detail the experimental set-up, data, analysis, and conclusions of the lab. There will also be occasional assignments, including editorial evaluations of peer papers.

The letter grade will be based on a straight percentage scale, 90%, 80%, 70%, and 60%. The top and bottom 2% in a division will be a + or -.

You are expected to complete homework and turn it in on time. Written work should be neat, explained completely, and have all diagrams and work spread out and easy to read. This is an upper-level course in your major field of study; you are expected to learn to behave as a professional in the field. Late work will receive a lower grade; work that is sloppy or difficult to read will be returned to be re-done, with a grade penalty.

Tentative Schedule:

Sept. 9: First background paper due
Sept. 16: First lab due
Sept 30: Second background paper due
Oct. 7 : Second lab due
Oct. 21: Third background paper due
Oct. 28: Third lab due
Dec. 2: Fourth lab due
Dec. 12: Final exam

Notice: This syllabus is subject to change at the discretion of the instructor to accommodate student, instructional, or institutional needs.

Concordia University, Nebraska
Course Guide/Syllabus Statements

Course Workload

In the face-to-face, online, and hybrid classrooms at Concordia University, Nebraska, credit hours are amassed in a course through student-to-instructor interaction, student-to-student interaction, Blackboard activities, contact with course-specific content, assignments, assigned videos, and other activities. No matter the length of the course meeting time in weeks or the amount of face-to-face instruction in the course, students can expect to devote at least 126 hours for each 3-credit course.

Course Participation

Federal Financial Aid regulations, which Concordia observes for all students, require that students regularly participate in courses in which they are enrolled. All students must log into the course management system (Blackboard) or participate in a face-to-face session weekly in order to avoid being tagged as a non-participant. Students must use the Concordia Blackboard and e-mail messaging systems to contact instructors and advisors. Students who are unable to participate regularly in their course for any reason should contact their instructor and their advisor. Students who intend to withdraw from a course or a program should notify their instructor and advisor.

Academic Integrity

At Concordia University Nebraska, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect. As a student, you are required to demonstrate these values in all of the work you do. Participating in a behavior that violates academic integrity (e.g., plagiarism, unauthorized collaboration, multiple submissions, cheating on examinations, or fabricating information) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment or examination, receiving a failing grade for the course, and/or being suspended from the university.

ADA

Students with a documented disability, who need reasonable accommodations, should contact ADA & Academic Support located in Link Library to arrange an appointment to discuss their individual needs. Students are also encouraged to notify their instructors immediately about any disability-related academic needs they may have. To contact the ADA and Academic Guidance Coordinator, Angel Hoppe, please call 402.643.7377 or 800.535.5494 ext. 7377 or email Angel.Hoppe@cune.edu.

Emergency Information

In inclement weather, check your e-mail, Blackboard, and the Concordia website (www.cune.edu) for information. Your instructor may utilize Blackboard to make-up course time, so please check Blackboard if a class is cancelled. In the event of an emergency while you are in a face-to-face class, follow the instructions of your instructor, ensure you are in a safe location, and, after you are in a safe location, check in with your instructor before leaving so that he or she can account for all students. Also, if you have not already done so, please update emergency contact information in “Banner Self-Service” on the connectCUNE portal (<http://connect.cune.edu>).