

PHYS659: - Special Problems in Physics

Semester: Spring 2020

Credit hours: up to 9

Instructor: Zhili Xiao

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Office Hours: Mondays and Wednesdays, 10:00AM – 11:30AM

Course Description

PHYS659 allows graduate students to conduct laboratory activities under the supervision of a faculty member.

The topic of this PHYS659 section is on fabrication and characterization of nanostructures. The student(s) conduct(s) nanopatterning using photolithography tool at Argonne's Center for Nanoscale Materials and characterizes the fabricated samples using resistivity measurements in Dr. Xiao's laboratories at NIU and Argonne's Materials Science Division.

Prerequisites & Notes

Consent of the department.

Instructional Methods

1) Weekly meetings and 2) Labs.

Course Assessment

Weekly progress reports

Accessibility Statement

If you need an accommodation for this class, please contact the Disability Resource Center as soon as possible. The DRC coordinates accommodations for students with disabilities. It is located on the 4th floor of the Health Services Building, and can be reached at 815-753-1303 or drc@niu.edu.

Also, please contact me privately as soon as possible so we can discuss your accommodations. Please note that you will not be required to disclose your disability, only your accommodations. The sooner you let me know your needs, the sooner I can assist you in achieving your learning goals in this course.

Academic Integrity

Good academic work must be based on honesty. The attempt of any student to present as his or her own work that which he or she has not produced is regarded by the faculty and administration as a serious offense. Students are responsible for plagiarism, intentional or not, if they copy material from books, magazines, or other sources without identifying and acknowledging those sources or if they paraphrase ideas from such sources without acknowledging them. Students responsible for, or assisting others in, either cheating or plagiarism on an assignment, quiz, or examination may receive a grade of F for the course involved and may be suspended or dismissed from the university.

(https://www.niu.edu/stat/courses/pdfs/Accessibility_Statement.pdf)