

PHY523

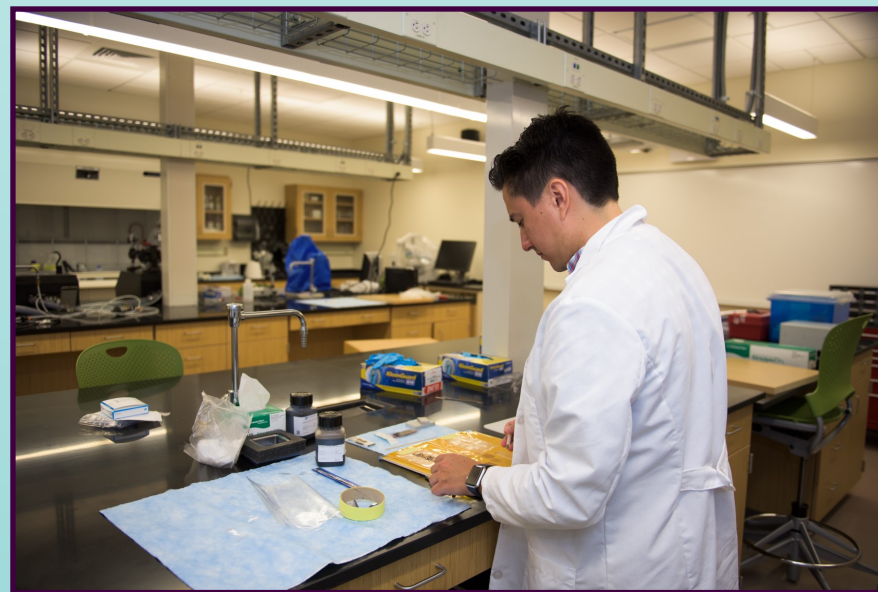
Nanosystems Laboratory

3 credits

Serves as a hands-on capstone experience for the Graduate Certificate in Nanotechnology program and provides opportunities for experimentation using advanced methods specific to synthesis and characterization of nanoscale materials. Atomic Force and Electron Microscopy are emphasized as characterization techniques suitable to studying materials on the nanoscale. Students will submit a formal written report and oral presentation of their experimental work.

PHY523 is a core course for *both* the [SCSU MS in applied Physics](#) and CT State University System (CSUS) [Graduate Certificate in Nanotechnology](#)

Prerequisites: one upper-division or graduate level course (of at least 3 credits) in an appropriate scientific area



This course is eligible for the CRISP RET Scholarship program for educators. Application is available at crisp.southernct.edu

Center for Research on Interface Structures and Phenomena, CRISP is an NSF funded Materials Research Science & Engineering Center, MRSEC

NSF DMR 1119826