Prerequisites: Completion of freshman and sophomore science courses required for certification and consent of department.


Materials: Labnote book (with carbonless copying feature), Scientific calculator

Course Objectives: Pose scientific questions and create experiments to answer these questions, Design experiments to reduce systematic and random errors, Use statistics to interpret experimental results, Use probes and computers to gather and analyze data, Treat human subjects in an ethical fashion, Apply safe laboratory procedures, Create mathematical models of scientific phenomena, Find and read articles in scientific literature, Write scientific papers, Review scientific papers, Give oral presentations of scientific work

Attendance: Class and lab attendance is mandatory for success in this course. Each unexcused absence after the first attendance portion of your grade being reduced by 10%.

Course Schedule: A detailed listing of course topics, assignments and due dates may be found here.

Grading: Attendance 10%, Inquiry I 15%, Inquiry II 20%, Inquiry III 15%, Inquiry IV 25%, Homework 15%