

Ph 121 abc. Computational Physics Lab. 1-3-0; first, second, third terms. Many of the recent advances in physics are attributed to progress in computational power. In the advanced computational lab, students will hone their computational skills by working through projects inspired by junior level classes (such as classical mechanics and E&M, statistical mechanics, quantum mechanics and quantum many-body physics). This course will primarily be in Python and Mathematica. This course is offered pass/fail. Instructors: Refael, Teukolsky, Motrunich.