

SCI5333 - Conceptual Physics III: Atoms, Charges, and Interactions

[SCI 5333](#) ([PHYS 5333](#)) Conceptual Physics III: Atoms, Charges, and Interactions (3 semester credit hours) Focus is on deepening the participants' conceptual understanding of physics, emphasizing critical thinking and applications to the pre-college and undergraduate classroom. Uses inquiry-based approaches including examples of physics in the everyday world and connections to other fields of science. This third class in the Conceptual Physics series builds on concepts from [SCI 5331](#) and [SCI 5332](#) to explore interactions between particles of matter. Topics include inter- and intra-molecular forces, light, electricity and magnetism, and the nature of the atom. (3-0) T