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. (3-1) T (2016-02-06 00:38:30)