

PHYSICS 1A - 1010040

PHYSICS 1B - 1010041

Benchmark: Advanced

Content Proficiencies: Physical Science, Science Inquiry
Year-long

Transferable Skills: Personal Development, Innovative Thinking

Prerequisites: Earth Science and Integrated Math 2

Grade: 10-12

Duration:

In this course you will use class investigations to explore how matter and energy interact in the universe. Topics will include: One- and Two-Dimensional Motion, Newton's Laws of Motion, Conservation of Momentum, Thermodynamics, and Electromagnetism. Students signing up for this course should be prepared to work outside of class, to be an independent learner willing to complete outside readings, practice assignments and meet with the teacher as needed to understand material that at times can be difficult. Successful physics' students should enjoy applying what they have learned in math to understand the physical properties of the universe we live in.