

Physics

Instructor Emily McLeod

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Background

- Bachelor of Arts in Social Studies Education (Oral Roberts University)
 - State of Oklahoma Teacher Certification
- middle level mathematics
 - pre-algebra
 - Intermediate Algebra

Course Description

This course introduces students to the world of forces, movement, mechanics, and energy. It also lays the foundation of electricity, magnetism, and optics, and stresses a logical problem-solving approach with many examples and diagrams. Students will put their math skills to use. This is a heavy focus on motion and vectors.

Presented as an algebra-based physics course. Two years of algebra and geometry are recommended as a pre-requisite. Algebra 2 may be taken concurrently.

Course Materials Required Materials

- 2 spiral or legal notebooks
- pencils
- Calculator - Scientific Calculator

Textbook information: Exploring Creation with Physics (2nd Edition/Apologia) textbook

ISBN: 1932012427

Exploring Creation with Physics Solutions and test book

ISBN: 1932012435

Work Load

- 4 assignments each week
- Average 45 minutes daily work to complete assignments
- Weekly assignments graded by student (and/or parent)
- Tests will be administered by Parent