

CFISD AP Physics 2 Course Scope and Sequence (2026–2027)

Course Description

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. AP Physics 2 is equivalent to the second course in an introductory college course sequence in algebra-based physics. Prerequisite: Physics or AP Physics 1

College Board Advanced Placement Standards: [AP Physics 2](#)

First Semester (81 Days)

1st Grading Period (Aug. 12 – Oct. 8, 2026)

Unit	Title	Date Range	Days**
Unit 9	Thermodynamics	Aug. 12 - Sept. 16, 2026	25

2nd Grading Period (Oct. 19 – Dec. 18, 2026)

Unit	Title	Date Range	Days**
Unit 10	Electric Force, Field, and Potential	Sept. 17 - Oct. 29, 2026	25
Unit 11	Electric Circuits	Oct. 30 - Dec. 11, 2026	25
	Finals Exams: Review & Administration	Dec. 14- Dec. 18, 2026	5

Second Semester (92 Days)

3rd Grading Period (Jan. 5 – Mar. 11, 2027)

Unit	Title	Date Range	Days**
Unit 12	Magnetism and Electromagnetism	Jan . 5 - Jan. 22, 2027	13
Unit 13	Geometric Optics	Jan. 25 - Feb. 10, 2027	13
Unit 14	Waves, Sound, and Physical Optics	Feb. 11 - Mar. 11, 2027	20

4th Grading Period (Mar. 22 – May 27, 2027)

Unit	Title	Date Range	Days**
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Last updated: May 21, 2026

Unit 15	Modern Physics	Mar. 22 - April 19, 2027	20
	AP Exams: Review & Administration	April 20 - May 14, 2027	18
	Finals Exams: Review & Administration	May 17- May 27, 2027	9

**The length of each unit is a specific number of days, but it is understood that there is a range of +/- a day. The purpose of the flexibility is meant to allow teachers the opportunity to plan for the needs of their students and to accommodate re-teaching or review when necessary. If pre-assessment indicates student mastery could be obtained in a fewer number of days, the additional time could be used for extension or carried into the next unit.

Instructional Material(s):

College Physics: A Strategic Approach 4th ed, AP ed

Knight et al

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