

Brookfield Textbook Proposal for Purchase

AP Physics (current text = 2004, College Board Curriculum change 2015)

Publishing company overview = This updated Eleventh Edition of COLLEGE PHYSICS, AP Edition helps students master physical concepts, improve their problem-solving skills, and enrich their understanding of the world around them. Serway/Vuille provides a consistent problem-solving strategy and an unparalleled array of worked examples to help students develop a true understanding of physics. Now fully supported by MindTap Physics, a digital learning solution packed with online assignments, Interactive Video Vignettes, learning tools, and applications, this edition is enhanced by a streamlined presentation, new conceptual questions, new techniques, and hundreds of new and revised problems. (description taken from Cengage Learning Catalogue)

Criteria	Ranking for categories below	Comments
Title: College Physics , Authors : Raymond A. Serway; Chris Vuille 9781305965393	0 - not evident 1 - insufficient quality 2 - mediocre quality 3 - sufficient quality 4 - high quality	Date of review: School year 2018-19
Access to assessment construction resources, such as online test bank	4	Online test bank, review book and end of chapter questions, student self assessments (digital with performance data tracking)
Is this a text recommended by the College Board community?	4	Yes
Aligned to current AP standards?	4	Yes with a correlation to between AP standards and book sections located in the front of the book
Practice at level of rigor of AP expectations?	4	Standardized AP Practice test questions at the end of each chapter including conceptual questions
Textbook contains appropriate subject level vocabulary.	4	
Readability is appropriate	4	College level text
Online e-text available	4	Yes, proposal comes with 6 year access to the online e-text and electronic Web Assign platform

Visuals enhance student interest and understanding	4	This book has useful visuals to support understanding. Example problem sets contain visuals compared to most texts which have no visuals in problem sets
Information represents the latest content standards and discoveries related to content areas	4	It is the current edition 2018 and has engaging applications to showcase relationships with everyday life and extensions to life science.
Chapter reviews sections are aligned to chapter content.	4	The focused AP review is amazing. Each chapter ends with an AP Practice, which is a feature not available in other AP Physics texts.
Open ended constructive student response opportunities	4	Free response questions and conceptual questions included in chapter review
Ideas for content area extensions/applications	4	Many real world examples and connection to Biology
Example supports are provided throughout chapters to assist students with processes	4	Solved examples, mini quizzes with answers
Mini Labs ideas	NA	Syllabus has recommended AP Labs
Multiple Learning Styles		There are a lot of visuals, there are a variety of problems, with written answers, numeric answers and symbolic answers. Comes with AP Fast Track, e-text compatible is device neutral
Chapters are not dependent upon a sequence (you can select various chapters to visit out of chronological order)	4	You can skip around but book is designed in a logical order.
Teacher guide includes suggestions for how to demonstrate or model skills or use of knowledge for application	3	

Teacher guide includes suggestions for effective instructional practices and learning theories that reflect current research in pedagogy	4	Includes a pacing guide to stay on track to cover all the material
Links to web-based resources	4	Videos attached to specific questions
Ideas for technology integration are supported	3	Access to videos and tutorials and online assessments with individualized feedback and progress monitoring.
Graphic formatting of the chapter layout assists student understanding	4	Codes throughout text to indicate: video tutorials of step-by-step solutions available through Web Assign, Symbolic problems, quantitative/conceptual problems, guided problems. Student problems are color coded to show the level of difficulty.
Are there other selling points to be considered? Explain.		Check out WebAssign (resource is included in purchase) Professional Development included for free (see quote copy)

Quoted Products: College Physics - Brookfield HS

Qty	Product	Price	Quoted Price	Total
1	College Physics (AP® Edition) Serway/Vuille 11th Edition [STM, 2018] 9781305965393 / 1305965396	\$145.00	\$0.00	FREE
34	Bundle: College Physics, 11th Student Edition + WebAssign (6-year access) Serway 11th Edition [STM, 2018] 9781337735339 / 1337735337 <i>Print book + 6 years of access to WebAssign</i>	\$185.00	\$185.00	\$6,290.00
1	AP® Teacher's Resource Guide Serway 11th Edition [STM, 2018] 9781305965379 / 130596537X	\$26.00	\$0.00	FREE
1	Fast Track to a 5 AP® Test Preparation Workbook Serway 11th Edition [STM, 2018] 9781305965409 / 130596540X	\$20.00	\$0.00	FREE
1	Product Implementation—WebEx HS National Geographic Learning 1st Edition [K12, 2016] 9781337466202 / 1337466204	\$750.00	\$0.00	FREE

Sub-Total: \$6,290.00
+ Estimated Shipping and/or Process Fee: \$377.40

TOTAL: \$6,667.40
Total Savings: \$941.00