

Instructor's Manual for

Conceptual Physics, Twelfth Edition

The purpose of this manual is to help you combat the all-too-common notion that a course in physics has to be a course in applied mathematics. Rather than seeing the equations of physics as lifeless recipes for plugging in numerical data, your students can be taught to see physics equations as statements about the connections and relationships in nature. You can teach them to see that terms in equations are like notes on a musical score—they say something. Encountering conceptual physics should be a delightful surprise for your students. When the first experience with physics is delightful, rigor of the next experience will be welcomed!

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