

Module 2: Beginning Kinematics

Free Version

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Thanks for using our physics software in your classroom. The Beginning Kinematics Module (free version) contains a total of 105 problems from the Data Bank #1. The complete Kinematics package, Modules 2 and 3, incorporates 4 data banks of problems, with a total of 418 exercises. Students may study the problems in Tutor Mode or in Testing Mode. In Tutor Mode the computer presents the step-by-step solution of each problem. The following activities are included in the free version:

- Practice Examination
- Single Question Examination
- Display Exam
- Written Text File Exam
- Data Bank Screen
- Study Sequence
- Study Guide
- Kinematics Tutorial

All eight activities in this free version use the Data Bank 1 of problems, which contain a total of 105 problems. After you quit working any activity, always you will return to the Supermenu. From this Supermenu, you have the option of returning to Windows.

The following is a brief description of each activity available:

- The Practice Examination activity is a test generator, and it allows the user to take exams containing up to 10 subtopics. The step-by step solution is shown after the student answers each question.
- The Single Question Examination is another test generator. The user selects the specific problems that will appear in the exam. The step-by step solution is also shown after the student answers each question.
- The Display Exam is a test generator, and it shows on the screen how the exams that are intended to be printed on paper, will actually look like.
- The Written Text File Exam creates exams as text files. The text files can later be opened with Notepad, Word or another word processor, and then be edited and printed.
- The Data Bank Screen shows sequentially on the screen all the problems in the Data Bank #1, up to problem #105.
- The Study Guide shows sequentially, in ascending order, the problems and their step-by-step solution. It can be used as a guide before taking a formal test.
- Kinematics Tutorial: This activity explains many Kinematics concepts in detail. It displays more than 50 screens of information.
- Data Banks. The subfolder Data Banks contains the entire Data Bank 1 of problems in PDF format.

This software may be used with regular and advanced students, from 10th to 12th grade, who are currently enrolled in a standard high school physics course. Teachers can install this free Kinematics version in any number of computers in their schools, and are allowed to provide free copies to their students.

To Install the Kinematics Free Version in the Computer:

- To install the software, please double-click the application file, **module2.exe**. Follow the instructions. The program will be installed automatically in a few seconds.
- After the installation, all the learning activities are found in a program group called **CERES SOFTWARE**. Please select **Beginning Kinematics**, and finally click **Menu2** to start the execution of Module 2.
- If you need to uninstall any activity from your computer, there are two different ways to do achieve that. Go to the **CERES SOFTWARE** group, then select the **uninstall** icon. This module can also be uninstalled by going to the Add/Remove Programs in the Control Panel.

Running the Programs:

- When you run the software, you will be directed to a **Supermenu**, which shows all the activities available for you to use. From there, simply select any activity you want to practice. You may want to start by taking a brief look to the Tutorial Activity.
- Module 2: Beginning Kinematics is compatible with Windows 98/Me/2000/XP/Vista.

Contact Information:

We hope you find this physics software a good learning experience. More free software titles are available in our Web site: <http://free.ceressoft.org>. Please feel free to contact us if you have any question. Thanks in advance for supporting our business.

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