

A. This application was written by David J. Fischer and Dr. Jerry Fine. It was developed in support of the Integrated First-Year Curriculum in Science, Engineering, and Mathematics at Rose-Hulman Institute of Technology. This curriculum project is supported by the National Science Foundation, the General Electric Foundation, and Lilly Endowment, Inc. If you are interested in this or any other application written for the Rose-Hulman Institute of Technology First Year Integrated Curriculum, please contact us at **ifycsem@nextwork.rose-hulman.edu**. The following people are currently serving as professors for the curriculum and would welcome your comments and questions:

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- B. This application best fits in the mathematics category.
- C. This application is designed to help students learn and understand the properties of the sine and cosine curves. The user can experiment with each curve, changing the amplitude, frequency, mean value, and phase. Once the user is familiar with all the properties, he can test himself by playing the game which produces a sine curve with random properties which the user must try to determine.
- D. This application is used as part of the Integrated First Year Curriculum in calculus

classes to demonstrate the properties of harmonic curves.

- E. This application was developed under NeXTSTEP 2.1.
- F. This application requires no special installation.
- G. The Documentation folder included with the application is required for online documentation built into the application. If it is removed, the application will still function properly, except for Help.