

A. This application was written by David J. Fischer. 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 visualize the relationship between cosine, sine and tangent curves to a unit circle. The user controls the angle of an arc on a unit circle. The vertical and horizontal components of the angle are displayed on a sine and cosine curve and the ratio of these two components is displayed on a tangent curve.

- D. This application is used as part of the Integrated First Year Curriculum in calculus classes.
- 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.