

A. *VectorMath* was written by David M. Berfanger. 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 Integrated First Year 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:

Dr. Claude Anderson, III, Computer Science
Campus Box 98

ext. 8331

Dr. Jerry Fine, Mechanical Engineering
Campus Box 140
ext. 8353

Dr. Jeffrey Froyd, Electrical Engineering
Campus Box 111
ext. 8340

Dr. Mike Moloney, Physics

Campus Box 161
ext. 8302

Dr. Howard McLean, Chemistry
Campus Box 70
ext. 8378

Dr. Edward Mottel, Chemistry
Campus Box 71
ext. 8315

Dr. Brian Winkel, Mathematics
Campus Box 132
ext. 8412

c/o Rose-Hulman Institute of Technology
6060 Wabash Avenue
Terre Haute, Indiana, USA 47803

phone 812-877-1511
or
812-877- ext.

- B. *VectorMath* best fits in the mathematics category.
- C. *VectorMath* is an application designed to help users create, manipulate and visualize vectors. Multiple vectors can be displayed simultaneously in three dimensions at any orientation. Various vector algebraic operations can be performed on one or more vectors and scalars.
- D. *VectorMath* is used as part of the Integrated First Year Curriculum in calculus classes to introduce students to or refamiliarize them with vectors and vector algebra.

- E. *VectorMath* was developed under NeXTSTEP 2.1.
- F. *VectorMath* 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.