

Visual and Computational Teaching and Learning

$$T = vc^2$$

The liberal arts and sciences are embracing the computer revolution on a worldwide basis as educators create new courses to explore the interplay of computing and other disciplines. There is a common theme of visual and computational creativity at the core of these efforts. For both teachers and students the computer as a medium increasingly shapes how we think, work, and create. Digitized visual representations of information are becoming ubiquitous in our computerized culture, thus in the 21st century, students need to know how to analyze and manipulate representations of information on the computer effectively.

The College of Charleston is hosting a symposium on November 16-17, 2007 for college educators to discover and discuss new ways to combine creatively computer modeling and visualization with other liberal arts disciplines. The symposium will feature keynote speakers who will address the synthesis of computer science and culture. The symposium will also offer papers on pedagogy and theory, and host workshops that highlight applications in the classroom.