1035-Z1-1336 **Alexander Alekseenko**, **Elena Anne Marchisotto** and **Mark F Schilling*** (mark.schilling@csun.edu), Department of Mathematics, California State University Northridge, Northridge, CA 91330, and **Michael Cole**. *A Hybrid (Half On-Line) Model for a Large Enrollment Mathematical Ideas Course.*

We present an experimental general education course for non-mathematics related majors that has been implemented at CSU Northridge using a "hybrid" method of delivery: both in-class and online instruction. In-class instruction is delivered in weekly meetings conducted by graduate students under the supervision of a professor. Online instruction is implemented using the WebCT system. The course includes both standard assessment mechanisms and a selection of collaborative and individual assignments involving research of expository literature that makes connections between mathematics and other fields. The collaborative exercises are facilitate by online communication tools: bulletin boards, discussion forums, virtual chat rooms, white boards, etc. An extensive reference database to the mathematical literature by topic is accessible to students, with direct links to full-text articles. A variety of possible research projects are provided with detailed outlines and links to relevant literature. Although the course uses WebCT, the course structure allows an easy transition to a different system. The use of learning modules allows straightforward curriculum modification. We will illustrate the on-line component of the course, discuss its implementation, and summarize course results. (Received September 19, 2007)