Using Computers in Education (3 cr.) Develops proficiency in computer applications and classroom software; teaches principles and specific ideas about appropriate, responsible, and ethical use to make teaching and learning more effective; promotes critical abilities, skills, and self-confidence for ongoing professional development; collaboration with K-12 teachers to design authentic technology products that meet teacher needs; provides feedback on the electronic portfolio from practicing K-12 principals and teachers.

Dr. Anne Ottenbreit-Leftwich is an assistant professor of instructional systems technology at Indiana University, Bloomington. Dr. Ottenbreit-Leftwich’s expertise lies in the areas of the design of digital curriculum resources, the use of technology to support pre-service teacher training, and development/implementation of professional development for teachers and teacher educators. Dr. Ottenbreit-Leftwich has experience working on large-scale funded projects, including projects supported by the U.S. department of education. Her current research focuses on teachers’ value beliefs related technology and how those beliefs influence teachers’ technology uses and integration. She is currently working on a project funded by the Fund for the Improvement of Postsecondary Education (FIPSE) investigating the technology tools teachers can use to support problem-based learning.