EDUC0396

SEMINAR: RECENT DEVELOPMENTS IN COMPUTERS IN EDUCATION
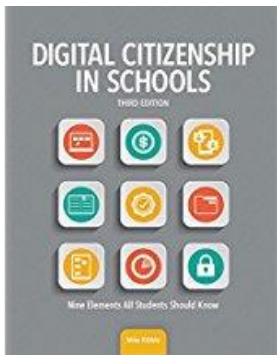
Online course
Instructor: Valerie DePina
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Office hours by appointment

"The abilities to effectively use and create technology to solve complex problems are the new and essential literacy skills of the twenty-first century." (2016 Massachusetts Digital Literacy and Computer Science (DLCS) Curriculum Framework)

Teachers need to understand how to incorporate technology into their classes within all content areas. This course is designed to introduce future teachers to some of the emerging trends and developments in educational technology.

Textbook: Ribble, Mike. *Digital Citizenship in Schools, Third Edition: Nine Elements All Students Should Know*
ISBN-13: 978-1564843647

Topics covered will include
- Digital Citizenship
- Universal Design for Learning
- Software and Apps
- Learning Management Systems
- Hardware
- Technology tools for teachers
- Classrooms of the future

Course work will include readings, video content, hands on trials of software and apps, quizzes, discussions, and projects.