

## Tool Demonstration

### *Gradarius as a tool for teaching freshman calculus*

Jan Cannizzo (Stevens Institute of Technology)

**Abstract:** Gradarius is an online calculus learning platform developed at the Stevens Institute of Technology, a private engineering school in Hoboken, New Jersey. What sets Gradarius apart from other online calculus systems is that it allows students to enter the entire solution (not just the final answer, or certain predefined steps) to a problem in a free-form manner, all the while offering step-by-step feedback. At Stevens, Gradarius has completely replaced written homework assignments in freshman calculus. I'll explain how Gradarius fits into the way we teach calculus and our experience with the software so far. During the session, participants will be given access to Gradarius (please take a laptop or tablet with you, or find someone with whom you can share a screen) as well as a handful of problems to solve so that they can see the software for themselves

Thursday, February 2 at 3:00 PM in SEO 636