

1145-D1-2493 **Kerri Cushman**, Theatre, Art, and Graphic Design, and **M. Leigh Lunsford***, Mathematics and Computer Science, Longwood University. *Creating an Art+Math Upper-Level General-Education Mathematics and Studio Art Course*. Preliminary report.

Longwood University is undergoing a major change to its general education curriculum. As such it has encouraged its faculty to develop team-taught interdisciplinary upper-level courses. We, an art professor and a mathematics professor, are in the process of developing such a course in art and mathematics. In addition to exploring key intersections between art and mathematics in human culture and history, the course will also have a substantial studio component in which students will use mathematical concepts learned in the course in their artistic expression. In this presentation we will discuss the challenges of developing the course, which will run in Spring 2019, and our rationale for specific course content. (Received September 25, 2018)