

1067-W1-2132 **Andrius Tamulis*** (a-tamulis@govst.edu), Governors State University, 1 University Parkway,
University Park, IL 60484. *The Mathematics of Albrecht Dürer*.

Written in 1525, Albrecht Dürer's *Painter's Manual* was written to introduce Renaissance art techniques to German artists. As was common at the time, however, both the author and the intended audience of this text had a solid mathematical education and so Dürer's *Painter's Manual* is contains a wealth of mathematics. Topics he included are suitable for use in algebra, calculus, differential equations, geometry, and quantitative reasoning classes. Aided by H. Staigmüller's "Dürer als Mathematiker" - practically a primary source in itself, as it was written in 1891 - we will see classroom materials for algebra through differential equations courses based on several curves as they were described by Dürer. We will also see classroom materials based on geometric proofs from Dürer's investigations of the Delian problem. (Received September 22, 2010)