

1116-C5-1689      **Catherine A. Gorini\*** (cgorini@mum.edu). *Geometry for the Artist: An Interdisciplinary Course Based on Consciousness.*

At Maharishi University of Management, students and faculty practice the Transcendental Meditation technique. This practice gives students both experience and knowledge of consciousness that serve as an interdisciplinary basis for the curriculum. In *Geometry for the Artist*, a course that satisfies the mathematics distribution for students in the arts, we use principles based on the nature of consciousness and the process of meditation, creating a link between mathematical topics such as symmetry, perspective, dynamical systems, non-Euclidean geometry, and topology on the one hand and the subjective experiences inspired by the visual arts on the other hand. (Received September 21, 2015)