

1067-00-1673 **Ximena Catepillan*** (ximena.catepillan@millersville.edu), Mathematics Department,
Millersville University, PO Box 1002, Millersville, PA 17551. *A First Year Experience Seminar.*

In 2006 I developed the Freshman Experience Seminar “Culture, Science, and Mathematics in the Pre-Columbian Americas” for the School of Science and Mathematics at Millersville University of Pennsylvania. Seminar Description: An introduction to the study of the Pre-Columbian Americas, part of the broad interdisciplinary field of Native American Studies. The emphasis will be on the role that science and mathematics played in the culture of these indigenous groups (including the Aztec, Inca, Maya and other Native American groups). The course will explore the Pre-Columbian world through the eyes of our ancestors, as well as through our classmates. Special attention to the science of archaeoastronomy and mathematics in which all of the great cultures of antiquity have left a mark. In this talk, the syllabus will be discussed as well as classroom activities used in the seminar. (Received September 21, 2010)