

1035-J1-1459 **Waclaw Szymanski*** (wszymanski@wcupa.edu) and **Ximena Catepillan**. *Maya Calendar Conversions*. Preliminary report.

The ancient Maya, who were sophisticated astronomers, developed several calendars to keep track of time. In this talk we will discuss the Tzolkin (sacred) calendar, the Haab (solar) calendar, the Round Calendar which combines both the Tzolkin and Haab calendars, and the Long Count Dates used by the Maya to mark events over long periods of time. Some of the conversions among the calendars will be presented as well as classroom activities used in the Ethnomathematics course "Mathematics in Non-European Cultures" for non mathematics and science majors offered at Millersville University. (Received September 19, 2007)