

1046-W1-1646      **Mary R Parker\*** (mparker@austincc.edu), Austin Community College, Northridge Campus, 11928 Stonehollow Drive, Austin, TX 78758, and **Hunter D Ellinger**. *Statistics Resources in a "Math for Practical Arts" Course.*

In our Math for Measurement course, students develop facility in dealing with approximate numbers, propagation of error through calculations on approximate numbers, modeling data with linear, quadratic, exponential, and other functional models, and also learn about other topics such as applied trigonometry. Full materials for this course are available on the web. These are available for others to use and adapt. Materials include the written text, spreadsheet examples to guide students to build their own spreadsheets for fitting functions to data, and notes for teachers. Some of the materials could be useful for elementary statistics students who want to explore regression using non-linear models. (Received September 16, 2008)