

1145-VI-2515 **George Tintera*** (george.tintera@tamucc.edu) and **Ping-Jung H Tintera**
(pingjung.tintera@tamucc.edu). *Recasting Instruction in Trigonometry - A Preliminary Report*. Preliminary report.

The study of trigonometry in college is an area in which skill efficiency and conceptual understanding are posed as alternative learning goals. Generating proofs of ad hoc trigonometric identities is seen as needing conceptual understanding but it supported by recall of standard identities. A study of using mnemonics to support this procedural knowledge was undertaken using a switching replication methodology. This is a preliminary report based on analysis of the data from that study. (Received September 25, 2018)