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Bernadette Mullins* (bmullins@bsc.edu), Department of Mathematics, Birmingham-Southern College, Birmingham, AL 35254, **Faye Clark**, AL, **Ann Dominick**, AL , and **Sherry Parrish**, AL. *The Standards for Mathematical Practice: Principles Guiding Pre-service Preparation and In-service Professional Development*. Preliminary report.

A professional development institute for in-service teachers (36 contact hours) has been developed to illustrate the Common Core Standards for Mathematical Practice. Experienced teachers who have had the opportunity to read and discuss the Practice Standards with peers expressed the need to better understand them. During this institute, teachers engage with inquiry-based mathematical tasks that allow them to see each of the eight Practice Standards in action. Between sessions, teachers intentionally focus on one of the standards and reflect on the extent to which their students show evidence of the practice. A course to be offered to pre-service teachers will also incorporate these tasks and discussions. The content standards addressed by this course are Number and Operations Fractions, The Number System, and Ratios and Proportional Relationships. Both in-service and pre-service offerings were developed by the NSF-funded Greater Birmingham Mathematics Partnership. (Received September 22, 2011)