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**Online Master's Courses in Physics for Teachers** WILLIAM NEWTON, ROBYNNE LOCK, Texas AM University-Commerce — In Spring 2014 we began to develop a new Master's in Physics with Teaching Emphasis aimed at in-service high school teachers. We have developed 6 brand new Master's level courses in physics aimed specifically at teachers, and are in the process of transferring them online. The aim is to support physics teachers for whom physics was not their major subject by reinforcing their content knowledge, giving them access to physics education research, teaching them the background necessary to discuss with their students the current hot physics topics that make the popular media, and providing a forum for teachers to share teaching strategies and material. In this talk we discuss the strategies employed in the classes so far, their content, and early outcomes.

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