Technology Applications for Effective Instruction, a course taken by Elementary and Secondary teachers at a graduate level, investigates the teaching/learning process and how emerging technologies can be used to effectively support the processes. A constructivist approach was used to teach the teachers about Constructivism. Each teacher in the class was required to develop a plan, a timeline and a self-assessment for utilizing what they learned in the course in their own classrooms. Relinquishing direct control of the classroom was frightening for the professor in teaching the class and the teachers as they implemented their Constructivist based plans. The purpose of this session is to describe the professor’s experience in teaching the course utilizing a Constructivist approach for the first time, how well the overall Constructivist approach worked, the methods and tools used by the professor, and how well the teachers implemented their Constructivist plans in their own classrooms.