

1125-A5-524 **Patricia L Hale*** (phale@cpp.edu), Dept of Math and Stat, 3801 W Temple AVE, Pomona, CA 91768. *Learning Math Through Your Arm.*

Educators require students to complete homework to fulfill many objectives they have for their students: mastery of procedures; timely feedback on the students' understanding; practice in critical thinking; practice in problem solving; practice in logical communication of a mathematical solution. However, no one type of homework – online, project, “paper-and-pencil” – meets all the objectives. This talk will describe calculus courses that utilize three types of student work in order to meet these objectives: online, in-class and write-up. Examples of assignments and resources for creating assignments will be presented. How this combination of assignments minimizes time spent grading, and provides opportunity for formative assessment will be discussed. (Received September 05, 2016)