

Abstract Submitted
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MOOCs at “Home”: A blend of carefully selected ingredients

CHARLES H. HOLBROW, Department of Physics, MIT — Computer platforms developed to deliver MOOCs (Massive Open Online Courses) are now being used as part of traditional undergraduate and graduate physics courses. Materials developed for and delivered on the edX platform have been blended with traditional instruction in MIT’s large freshman physics course. I will show illustrative examples of pre-class questions, online reading materials, and online homework problems used in this course, and I will assess what works well and what doesn’t. I will also outline the extensive organizational and management effort needed to create and deliver online materials that are coordinated with the course’s classroom work.

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