

Abstract Submitted
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Teaching a laboratory-intensive online introductory electronics course¹ MARK MARKES, University of Nebraska-Kearney — Most current on-line courses provide little or no hands-on laboratory content. This talk will describe the development and initial experiences with presenting an introductory online electronics course with significant hands-on laboratory content. The course is delivered using a Linux-based Apache web server, a Darwin Streaming Server, a SMART Board interactive white board, SMART Notebook software and a video camcorder. The laboratory uses primarily the Global Specialties PB-505 trainer and a Tenma 20MHz Oscilloscope that are provided to the students for the duration of the course and then returned. Testing is performed using Course Blackboard course management software.

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