Junior Electronic Laboratory Design Experience in Undergraduate Electrical Engineering

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Abstract

Theoretical electronic engineering courses are complimented by co-requisite electronic laboratories in undergraduate electrical engineering curriculum. To enhance the design skills of junior students, the electronic laboratories require an additional electronic design projects that are individually selected, built, tested, and documented by each student at the end of the semester. For the past decade this experience has enriched and prepared the students to embark in more challenging projects at the senior capstone design experience.