

Abstracts

Educating tomorrow's RF/microwave engineer: a new undergraduate laboratory uniting circuit and system concepts

T.M. Weller, P.G. Flikkema, L.P. Dunleavy, H.C. Gordon and R.E. Henning. "Educating tomorrow's RF/microwave engineer: a new undergraduate laboratory uniting circuit and system concepts." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 563-566.

This paper describes recent advancements made at the University of South Florida for educating undergraduate electrical engineering students in the fields of wireless circuits and systems. The foundation for the program is an innovative lecture/laboratory course which guides students through wireless component and subsystem analysis and design using a case-study approach. While providing a broad exposure to the wireless arena, students also gain hands-on experience with state-of-the-art instrumentation and computer-aided engineering software.

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