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simulation examples using HSPICE, LTspice, and WinSpice; layout tools and examples for actually fabricating a chip; and videos to aid learning

Richard Jaeger and Travis Blalock present a balanced coverage of analog and digital circuits; students will develop a comprehensive understanding of the basic techniques of modern electronic circuit design, analog and digital, discrete and integrated. A broad spectrum of topics are included in Microelectronic Circuit Design which gives the professor the option to easily select and customize the material to satisfy a two-semester or three-quarter sequence in electronics.

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