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Students learn about the process of computer aided design of electronic equipment and systems. The course covers theoretical and practical aspects of the overall process, from the conceptual design, schematic entry, circuit analysis and simulation, board level design, and manufacturing documentation preparation.

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Computer-Aided Design of Analog Circuits and Systems (The Springer International Series in Engineering and Computer Science) [L. Richard Carley, Ronald Gyurcsik] on Amazon.com. *FREE* shipping on qualifying offers. Computer-Aided Design of Analog Circuits and Systems brings together in one place important contributions and state-of-the-art research results in the rapidly advancing area of ...

Integrated circuit design, or IC design, is a subset of electronics engineering, encompassing the particular logic and circuit design techniques required to design integrated circuits, or ICs. ICs consist of miniaturized electronic components built into an electrical network on a monolithic semiconductor substrate by photolithography .
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