

# Download Analogue Circuit Design: A First Course

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Note: Citations are based on reference standards. However, formatting rules can vary widely between applications and fields of interest or study. Design and lab exercises are also significant components of the course. 6.002 is worth 4 Engineering Design Points. The 6.002 content was created collaboratively by Profs. Anant Agarwal and Jeffrey H. Lang. The design of operational amplifiers in CMOS is covered in detail, and the course concludes with a discussion of analog filter design. The second half of the course covers the design of switched-capacitor circuits, comparators, digital-to-analog and analog-to-digital converters, oscillators, and phase-lock loops.