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"Silicon 101": Everything You Wanted to Know But Were Afraid to Ask (for non-technical staff)

Course Overview

The complexity of today's semiconductor components has made it virtually impossible for the non-technical members of staff to keep abreast of what their companies are about. This short course offers a fast, friendly and plain-speaking overview of the key concepts, buzz-words and general industry jargon that governs the engineering workplace. The over-arching aim is to provide a level of comprehension for both the non-initiated industry newcomer and the experienced non-technical professional. At the conclusion of the course they will have an appreciation of what is at the heart of their company's technology (and also a reason to stay awake when they join the engineers' breakfast table.....).

Topics Covered

The birth of electronics whistle-stop tour; School science revisited (periodic table, semiconductors, what is a transistor/switch/chip/wafer/fab etc); The lifecycle of a chip; Wafer processing for beginners; Putting it all together; Chip economics (aka Why There Is Only One Intel); Science Fiction or Science Forecasting? (The impact of electronics in 2020)

Who Should Attend

Non-technical Staff (enquiring minds only ☺)

Course Duration

Half-day or Full day, as required.