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Foundry Engineering for Fabless Companies: From First Silicon to High Volume Manufacturing Excellence **("low cost, low maintenance & high customer satisfaction")**

Course Overview

This course reviews best-practice engineering strategies for companies, whether they are fabless startups looking for manufacturing expertise to execute flawlessly after ASIC tape out, or established companies wanting to fine tune their engineering approach as they adopt a "fab-lite" model. It examines the key technology factors in manufacturing today's advanced products and shows how world class companies are tackling the outsourced challenges whilst maintaining their business deliverables of cost, quality, and on-time delivery.

Topics Covered

Semiconductor Business Models; Foundry Management Philosophy; Effective Foundry Interaction; Design for Everything...DFM, DFR, DFQ, DFT, DFA; Linking Yield to Reliability & Quality; Outlier Elimination and Excursion Prevention Techniques; Engineers Guide to Supply Chain Management.

Who Should Attend

Yield Improvement Engineers
Product/Test Engineers
Quality Engineers
Engineering Managers

Course Duration

2 days