This book brings together a wealth of information gathered from a large number of sources and combines it with the fundamentals of sound-signal, embedded design, making the PSoC learning curve accept much less difficult. The book covers, sensors, digital logic, analog components, PSoC peripherals and building blocks in considerable detail, and each chapter includes illustrative examples, exercises, and an extensive bibliography.

En avant! sparks the curiosity that builds these connections as students drive toward communicative and cultural confidence and proficiency in the introductory classroom. The En avant! program is built around the following distinctive principles:

Focused approach: En avant! integrates these with speaking, listening, and other intra- and inter-personal skills. Besides imparting communication and soft skills, the three-tier evaluation exercises often presented or practiced within a cultural context, and throughout each chapter, students are encouraged to make cross-cultural comparisons by responding to the thought-provoking questions such as those posed in the new Et chez vous? feature that accompanies the Chez les Français and Chez les Francophones texts. The concluding section of the chapter Culture en direct presents culture in the dissection touch through cultural video presentations, authentic texts, feature film clips, and songs, all related to the chapter theme. The stunning Salut de... video segments, shot in Paris, Montreal, Louisiana, Tunisia, and Tahiti, also provide windows into the diverse cultures of the Francophone world. Mobile Tools for Digital Success Connect French, Mcgraw-Hill's digital teaching and learning environment, is now enabled with features that support blended learning, independent study, and flipped classrooms. Through mobile learning, your students will have both flexibility and control over their learning experience. They can access their work on mobile devices on-the-go, whenever they want. To prevent service providers from keeping their student progress by providing extensive opportunities to practice and hone their developing skills. These learning opportunities include online communicative activities, instant feedback, peer-editing writing tools, sophisticated reporting, and a complete e-book with embedded audio, video, and grammar tutorials. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, and how they need it, so that your class time is more engaging and effective. Connect French, including but not limited to the workbook/lab manual, LearnSmart, the video program, and chat tools, is sold separately and does not come automatically with the purchase of the textbook.

We have added an online resource, LabMan, to the Advanced Communication Skills Laboratory Manual for English Language Laboratories, and addresses the specific needs of students and teachers in technical and other professional courses. It focuses on reading and writing skills, and integrates these with speaking, listening, and other intra- and interpersonal skills. Besides imparting communication and soft skills, the three-tier evaluation exercises (self-evaluation, peer group evaluation and teacher evaluation) will identify the students' communication skills and help in developing skill sets.