Electronics - A First Course

Owen Bishop

In brief

Owen Bishop's First Course starts with the basics of electricity and component types, and introduces students to practical work almost straight-away. No prior knowledge of electronics is assumed.

The approach is student-centred with Test Your Knowledge features to check understanding and numerous Activities suitable for practicals, homeworks and other assignments. Key facts, formulae and definitions are highlighted to aid revision, and theory is backed up by numerous examples throughout the book. Each chapter ends with a set of problems which includes exam-style questions and multiple-choice questions with numerical and multiple-choice answers provided in the back of the book.

This text is ideal for a wide range of introductory courses in electronics, technology, physics and engineering. The coverage has also been carefully matched to the latest UK syllabuses, including GCSE Electronics, GCSE Design and Technology, Intermediate GNVQ, Engineering GCSE, and City & Guilds courses. It is also well suited for competence-based courses such as Level 2 NVQs, providing essential knowledge and understanding in a way that is firmly grounded in practical electronics.

Owen Bishop’s talent for introducing the world of electronics has long been a proven fact with his textbooks, professional introductions and popular circuit construction guides being chosen by thousands of students, lecturers and electronics enthusiasts.

Contents


Readership: Students aged 14–18+ at FE colleges / community colleges and secondary schools / high schools. Level 2 courses including GCSE, GNVQ, City & Guilds, etc.

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