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VW Group-owned Bentley has announced a recruitment drive for '100 talented engineers as the luxury marque accelerates its forward-thinking Beyond100 strategy'. Working across multiple disciplines ...

Bentley on recruitment drive for engineers

(Kiely news release) — The Kiely Family of Companies (KIELY), a privately owned conglomerate focused on design-build solutions for the engineering and construction industry, recently announced the ...

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The book provides a wealth of readily accessible information on basic electronics for those interested in electrical and computer engineering. Its friendly approach, clear writing style, and realistic design examples, which earned Hambley the 1998 ASEE Meriam/Wiley Distinguished Author Award, continue in the Second Edition. **FEATURES/BENEFITS** ***NEW**--Refines and reorganizes chapter content. The introduction and treatment of external amplifier characteristics has been condensed into the first chapter; op amps are treated in a single chapter; and treatment of device physics has been shortened and appears in various chapters on an as-needed basis. *Avoids overloading beginners with unnecessary detail, making the book more succinct and user friendly. ***NEW**--Provides early treatment of integrated-circuit techniques with greater emphasis throughout. *Enabling readers to gain knowledge of integrated circuits without taking an advanced course. It also integrates the concepts, rather than presenting them in piecemeal fashion. ***NEW**--Emphasizes MOSFETs over JFETs. *Preparing the reader for advanced study of analog and digital CMOS and IC's. *Offers outstanding pedagogical features throughout. Example titles allow the reader to easily locate examples related to a particular topic. Margin comments summarize procedures and emphasize important points. *Treats digital circuits early in the book. *Emphasizes design. For example, Anatomy of Design sections show realistic design examples. *Demonstrates ways in which material fits together, providing motivation and creating interest.

The Newnes Know It All Series takes the best of what our authors have written to create hard-working desk references that will be an engineer's first port of call for key information, design techniques and rules of thumb. Guaranteed not to gather dust on a shelf! Electrical engineers need to master a wide area of topics to excel. The Electrical Engineering Know It All covers every angle including Real-World Signals and Systems, Electromagnetics, and Power systems. A 360-degree view from our best-selling authors Topics include digital, analog, and power electronics, and electric circuits The ultimate hard-working desk reference; all the essential information, techniques and tricks of the trade in one volume

The fourth edition of "Principles and Applications of Electrical Engineering" provides comprehensive coverage of the principles of electrical, electronic, and electromechanical engineering to non-electrical engineering majors. Building on the success of previous editions, this text focuses on relevant and practical applications that will appeal to all engineering students.

The search for renewable energy and smart grids, the societal impact of blackouts, and the environmental impact of generating electricity, along with the new ABET criteria, continue to drive a renewed interest in electric energy as a core subject. Keeping pace with these changes, Electric Energy: An Introduction, Third Edition restructures the traditional introductory electric energy course to better meet the needs of electrical and mechanical engineering students. Now in color, this third edition of a bestselling textbook gives students a wider view of electric energy, without sacrificing depth. Coverage includes energy resources, renewable energy, power plants and their environmental impacts, electric safety, power quality, power market, blackouts, and future power systems. The book also makes the traditional topics of electromechanical conversion, transformers, power electronics, and three-phase systems more relevant to students. Throughout, it emphasizes issues that engineers encounter in their daily work, with numerous examples drawn from real systems and real data. What's New in This Edition Color illustrations Substation and distribution equipment Updated data on energy resources Expanded coverage of power plants Expanded material on renewable energy Expanded material on electric safety Three-phase system and pulse width modulation for DC/AC converters Induction generator More information on smart grids Additional problems and solutions Combining the fundamentals of traditional energy conversion with contemporary topics in electric energy, this accessible textbook gives students the broad background they need to meet future challenges.

Rizzoni's Fundamentals of Electrical Engineering provides a solid overview of the electrical engineering discipline that is especially geared toward the many non-electrical engineering students who take this course. The book was developed to fit the growing trend of the Intro to EE course morphing into a briefer, less comprehensive course. The hallmark feature of this text is its liberal use of practical applications to illustrate important principles. The applications come from every field of engineering and feature exciting technologies. The appeal to non-engineering students are the special features such as Focus on Measurement sections, Focus on Methodology sections, and Make the Connections sidebars.

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