
Crash Course In Digital Technology Second Edition

77 BUILDING BLOCKS OF DIGITAL TRANSFORMATION

Crash Course in Electronics Technology

Crash Course in Digital Technology

Crash Course in Artificial Intelligence and Expert Systems

M-commerce Crash Course

Wireless Crash Course

Social Media Curation

Crash Course in Disaster Preparedness

Wireless Crash Course : Third Edition

Digital Competence in Higher Education: a European Perspective

OECD Digital Education Outlook 2021 Pushing the Frontiers with Artificial Intelligence, Blockchain and Robots

Optical Networking Crash Course

Blockchain Technology Crash Course

Handbook of Research on Integrating Digital Technology With Literacy Pedagogies

Networked Theology (Engaging Culture)

Telecom Crash Course

AP® Computer Science Principles Crash Course

AP® Computer Science Principles Crash Course, 2nd Ed., Book + Online

Mobile Technologies Crash Course

The Howard W. Sams Crash Course in Digital Technology

Programmable Logic Designer's Guide

Digital Revolution

Cases on Digital Technologies in Higher Education: Issues and Challenges

The Untold Story of Everything Digital

Adult Learning in the Digital Age: Perspectives on Online Technologies and Outcomes

Harnessing Technology for Inclusive Prosperity

IMS Crash Course

Crash Course in Family Literacy Programs

Electronics Explained

Postdigital Theologies

Crash Course in Digital Technology

Wireless Crash Course

Telecommunications Crash Course, Third Edition

Crash Course Data Security

Crash Course in Electronics Technology

Crash Course in Library Gift Programs

EMT Crash Course with Online Practice Test, 2nd Edition

Telecom Crash Course

Broadband Crash Course
Battery Technology Crash Course

Crash Course In Digital Technology Second Edition

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77 BUILDING BLOCKS OF DIGITAL TRANSFORMATION Springer Nature

This issue of Library Technology Reports draws from 17 in-depth interviews to show how libraries are using social media to collect, organize, share, and interpret—in short, how to tell a digital story.

Crash Course in Electronics Technology McGraw Hill Professional

Survival Guide to Understanding -- and Profiting From -- Broadband! Get the right answers for smart broadband decision making-- from financial, management and marketing to equipment, applications, and protocols. Broadband Crash Course examines broadband delivery in terms of markets and business opportunities. Writing with the surety and thoroughness of a telecom insider and business executive, P.J. Louis clearly and painlessly demonstrates how broadband services are delivered over today's complex telecommunications infrastructure, minus the heavy-duty math. This one-of-a-kind guide is your chance to learn about: * Service bundling (voice, Internet access, e-mail, etc.) across all major network types (wireless, IP, cable, satellite, LANs, etc.) * Benefits of wireline and wireless broadband technologies * Service bundling and provisioning across the wireline and wireless broadband networks * The Local Loop and its future * Coaxing more applications from the technologies you've got * Business models that have proven themselves in the real world * 3G wireless, the wireless Internet, softswitching, M-commerce: how will they affect your business?

Crash Course in Digital Technology Bloomsbury Publishing USA

Everything comes with its advantages and disadvantages just like the digital world. The invention of the digital world took us all by surprise and now has become an integral part of our lives. It is almost impossible to think of a world without the Internet, social media, and/or electronic gadgets. All businesses, whether small or big run on these digital sources of communication. The digital world has become a common part of the life of not only for every working person in the corporate sector but also in the lives of teachers, students, lawyers, and artists. The data for each one of them is either to gain knowledge or to spread knowledge. The digital platform has become a great platform for many; however, it also has an unfortunate side. Cyber-crimes are increasing every single day and more and more people are becoming victims of this. The number of hackers is increasing day by day which is enhancing the need for data security by the minute.

Crash Course in Artificial Intelligence and Expert Systems McGraw Hill Professional

Get the latest information on optical networking technologies, companies and trends. Penetrate the facts behind the speculation on optical networking's promise as a potential solution to skyrocketing Internet traffic. With Steve Shepard's Optical Networking Crash Course, you'll discover what's what, who's who, and how it all works together in the speed-of-light world of optical networking. From technologies, equipment, companies and competitors to nitty-gritty issues such as security, signal sinks, backhoe fade, add-drop mix and much, much more, this state-of-the-art guide is a must-read if you want to: Compare optical and other strategies such as cable, DSL, and LMDS Understand

optical technology means, methods, potentials, and constraints Learn what DWDM (Dense Wave Division Multiplexing) is and why it could change everything Get straight answers on optical transport issues, routing, switching and more.

M-commerce Crash Course Can Akdeniz

Don't worry if you never took a physics course, you can easily update your electronics knowledge by following Lou's clear and logical systems-level approach. When you finish this book you will understand different types of electronic circuits, how they work, and how they fit together to create modern electronic equipment, enabling you to apply, use, select, operate and discuss common electronic products and systems. And all this is explained using basic functional building blocks rather than detailed circuit analysis! Introduces you to the principles that form the basis of electronics, including the core concepts of how to generate current flow, how to control it, and magnetism. Learn about the basic components of electronics such as resistors, capacitors, inductors, transformers, diodes, transistors, and integrated circuits. Discover different types of circuits, using the functional block diagram approach which makes it easy to understand their purpose and application without requiring nitty-gritty circuit analysis. Get a grip on embedded controllers, the single-chip microcontrollers that are built into virtually every electronic device. Get involved with Hands-On projects in each chapter. A fresh look at how electronics work Learn about the inner workings of your HDTV, cell phone, and video game console Hands-on projects and experiments bring electronics to life

Wireless Crash Course Elsevier

An Introduction to This Innovative and Revolutionary Next-Generation Communication Solution The IP Multimedia Subsystem (IMS) is a powerful, emerging technology that will change the way we live, work, and communicate. Through convergence of fixed and wireless networks, IMS delivers seamless roaming to multimedia devices regardless of location or access modality. This much-needed resource gives you an easy-to-understand overview of the development, evolving standards, and excitingly imminent future of IMS. Expand Your Understanding of IMS Written by a renowned professional author and educator with 25 years of experience in the telecommunications industry, IMS Crash Course gives you a broad perspective on why IMS evolved, how the technology works, its system requirements, and potential regulatory issues—all in one convenient package. If you are looking to make sense of this breakthrough technology, its benefits, and its real-world implementations, read this book first. Full coverage of IMS including: An early history of IMS Converging wireless and wireline Network, software, and signaling requirements IMS regulatory issues IMS's future

Social Media Curation McGraw Hill Professional

"Get a sound fix on the expanding universe of telecom Explore the vast telecom landscape -- from standards and protocols to premise, access and transport technologies. Far more than an acronym-studded quick fix, Telecom Crash Course is a true tutorial that offers you context, connections, and the wisdom to quickly grasp key technologies, including wireless Internet, optical networking, 3G, IP,

protocol layer, PSTN, ATM, spread spectrum, GPRS, and SIP. Author Steven Shepard includes lively stories that deliver important points about the markets that drive the technologies. You get rigorous technical accuracy, with explanations of each technology's economic importance. Here's your chance to decipher the alphabet soup of telecom acronyms -- not just what they stand for, but what they mean and how they can generate profits."

Crash Course in Disaster Preparedness CRC Press

The Theological Implications of Digital Culture This informed theology of communication and media analyzes how we consume new media and technologies and discusses the impact on our social and religious lives. Combining expertise in religion, theology, and technology, the authors synthesize scholarly work on religion and the internet for a nonspecialist audience. They show that both media studies and theology offer important resources for helping Christians engage in a thoughtful and faith-based critical evaluation of the effect of new media technologies on society, our lives, and the church.

Wireless Crash Course : Third Edition Rowman & Littlefield

"This book focuses on the institutionalization of technology into education, specifically, discussing the integration of technology (and new techniques) into various areas of higher education"--Provided by publisher.

Digital Competence in Higher Education: a European Perspective McGraw Hill Professional
Written for students and hobbyists, this crash course teaches the basics of electronics, components and circuitry in an easily understood way. The last chapter deals with fault finding.

OECD Digital Education Outlook 2021 Pushing the Frontiers with Artificial Intelligence, Blockchain and Robots McGraw Hill Professional

The leading introductory wireless book moves into the digital age with massive updates on 3G, Wi-Fi, wireless broadband, wireless IP, GPRS, and more. Anyone working in or interested in the wireless industry will find thorough coverage of the basics of wireless networks, technology, and regulations, with clear explanations of concepts like radio frequency, cell sites, and switching, and details of the regulations and standards that affect service providers and equipment manufacturers. NEW coverage includes: Wi-Fi and WiMAX Wireless Local Number Portability (LNP) Smart Antennas Wireless IP Personal Area Networks (PANs) 3G and UMTS

Optical Networking Crash Course IGI Global

Communication is the key to success. Communication has helped us establish our societies and build communities. It is the human connection which is why humans have constantly researched ways in which they can communicate with each other -- not just face to face, but also when they are located in two different locations. Everything from birds flying from one place to another with messages to the invention of phones that facilitated long distance calling was a result of our need to communicate with people in far locations as effectively as possible. The mobile phone technology brought in a wave of changes to how telephony was perceived. With mobile phones, it became easier for people to talk to each other even when they were in different locations and that too without the limitations of the wired phones. While early mobile phones were very heavy making it difficult for people to carry the phone along with them wherever they went, mobile technologies helped in introducing advancements to these portable devices making it easier for people to carry it

everywhere.

Blockchain Technology Crash Course Newnes

How might digital technology and notably smart technologies based on artificial intelligence (AI), learning analytics, robotics, and others transform education? This book explores such question. It focuses on how smart technologies currently change education in the classroom and the management of educational organisations and systems.

Handbook of Research on Integrating Digital Technology With Literacy Pedagogies IGI Global

GET A SOLID GROUNDING IN CUTTING-EDGE CELLULAR TECHNOLOGY Gain an overall understanding of the constantly evolving spectrum of wireless technologies, devices, and standards. Completely revised throughout, *Wireless Crash Course, Third Edition* offers straightforward explanations of all aspects of cellular networks and provides clear information on cellular design and operational concepts. Learn the fundamentals of cell base stations, radio frequency (RF) technologies, microwave radio systems, and 3G and 4G / LTE technologies, and discover practical new applications and mobile data technologies. Examples, photos, and illustrations from the field are included in this practical guide. **COVERAGE INCLUDES:** Cellular radio history and development The cell base station Basic cellular network design and operation Radio frequency (RF) operation and technologies Antennas, RF power, and sectorization Distributed antenna systems (DAS) Base station elements and RF signal flow 2G and 3G digital wireless technologies Cellular generations overview 4G and Long Term Evolution (LTE) Microwave radio systems Cell site to MTSO network connections The MTSO, core network, and network operations center (NOC) Personal communication services (PCS) and current marketplace Towers Capacity management, propagation models, and drive testing Interconnection to the landline public switched telephone network (PSTN) Roaming and intercarrier networking Mobile data technologies The business side of wireless Mobile applications

Networked Theology (Engaging Culture) Prentice Hall

In today's era, technology is playing a pivotal role. Without the help of technology, it is extremely formidable to imagine life. The human race is so used to technology. However, the digitalization of the world brought many opportunities to the variety of businesses and companies. The digital revolution was one of the finest things that ever happened to humankind. This made lives easier and better. With the help of the digital technology, the world is constantly improving. It is critical to understand everything from scratch. How was the digital revolution introduced? And what are its extraordinary impacts on the world? Here is a precise introduction of the digital revolution, along with its importance and its various impacts on the industries and humans. Also, it is necessary to understand its merit and demerits and the efficient use of technology. Everything is discussed to provide a clear idea of the digital revolution.

Telecom Crash Course ESIC

This unique book serves as a readable, holistic introduction to telecommunications. Far more than an acronym-studded quick fix, *Telecom Crash Course* is a true tutorial that offers context, connections--and humor-- to teach the importance of key technologies. Author Steven Shepard, an accomplished writer and teacher, uses lively stories that deliver important points about the markets that drive the technologies. He provides not only rigorous technical accuracy, with explanations of each technology's economic importance, but a market and customer-focused

analysis of the use and business significance of each technology - and how they relate to each other.

AP® Computer Science Principles Crash Course IntroBooks

Crash Course in Digital Technology teaches the basics of digital electronics theory and circuits in an easy-to-understand format. Each chapter includes learning objectives, clear explanations and examples, and an end-of-chapter self-quiz. The drill-and-review software included with the book allows learners to test themselves on the contents of each chapter, providing a second reinforcement of the material. A final chapter teaches the basics of troubleshooting digital circuits. With the two other Crash Course books, Electronics Technology and Microprocessor Technology, this book forms a complete course in electronics and microcomputer technology appropriate for technical schools, industrial training, and hobbyists. Louis Frenzel is an experienced electronics engineer and educator, as well as the author of many magazine articles and texts. He is currently an instructor at Austin Community College in Austin, Texas. Drill-and-review software included Clear, easy format Self-paced introduction to digital electronics

AP® Computer Science Principles Crash Course, 2nd Ed., Book + Online IGI Global

Study only what you need to know-REA's Crash Course targets just what's on the test so you can make the most of your study time. Get practical test-taking tips-boost your score with advice from expert AP® teachers who know the test from the inside out. Build confidence with our online practice exam-balanced to include every type of question you can expect on the actual exam, so you'll be prepared on test day. Book jacket.

Mobile Technologies Crash Course Prentice Hall

Making computers more useful by making them; Knowledge representation; An approach to problem solving; Introduction to expert systems; Developing an expert system; Natural language processing and voice recognition; Computer vision; Robotics and AI; programming in LISP; Prolog and other AI languages; AI hardware and the future of AI; Appendices; Index.

The Howard W. Sams Crash Course in Digital Technology McGraw Hill Professional

This is not a theory book that discusses academic concepts of the digital capability, but rather a practical field book that describes the proven digital capabilities as the building blocks of digital transformation and the approach to assessment and improvement of the digital capabilities to achieve successful digital transformation. This book therefore caters best for digital 'practitioners' including IT professionals, marketers and sales reps as well as digital consultants and digital planners. The Digital Capability Model in this book consists of 12 mega capabilities and 77 capabilities, where a mega capability is comprised of a set of capabilities. This book is organized to

describe the CAPABILITIES and their MATURITY LEVELS individually according to the taxonomy of the Model. A digital capability is defined in this book as an organizational capacity to produce intended business outcome by combining process, people and technology elements in a way that is unique to each organization. Process element includes process flow, input & output information, and business rules & policies. People element includes organizational structure, and roles, responsibilities & skills. Technology element includes applications, data, and infrastructure around digital technology. The Social Listening capability is for example defined as an organizational capacity to understand what users are talking about on social media and use that for business by combining its well-defined processes, people, and technologies. The Model is comprehensive in scope, making it best suited for those who desire to have a broad understanding of the entire scope of digital capabilities and wish to obtain the cross-boundary, multi-disciplinary knowledge across business and technology."e; Many organizations find it difficult to establish a robust yet agile framework for their digital operations. This book is all about a ready-made, yet highly-customizable solution to this challenge. The author suggests thinking of digital capabilities as the building blocks for digital transformation and describes each capability in great detail. Organizations can simply pick and choose those digital capabilities they consider relevant to them, to build their own digital framework. Reading this book and following the steps will put you firmly on the road to achieving dominance in the digital space and providing your customers with consistent, memorable user experiences that will keep them coming back for more."e; - David Lee, Director Process Innovation, Samsung America."e; I was lucky enough to be there when Jace first started to codify his wholistic understanding of digital operations into the Digital Capability Model. As I read through this book four years later, I again see the clarity of his communication, the value of his expansive perspective and the sheer usefulness of this tool. The Model is thorough and intricate, well thought out and well explained. The value of this whole of capability model is tremendous and should become the standard against which digital business is measured."e; - Nick Crowther, Managing Director, Freerange Future (Webby Awards and SxSW Interactive Awards winner). "e; A must read for anyone already involved in digital transformation, or wanting to learn how best they can implement and improve their digital operations. Rather than delivering generic and superficial statements about digital transformation, this book covers the essentials of proven digital capabilities and shows you how to use these to implement digital transformation practically. The unified model of Digital Capabilities provides a crash course that introduces readers to all the various aspects of digital transformation. If you're looking for a proven, practical digital framework, this book will exceed your expectations significantly."e; Jay Jung, Customer & Digital Adviser, Ernst & Young.