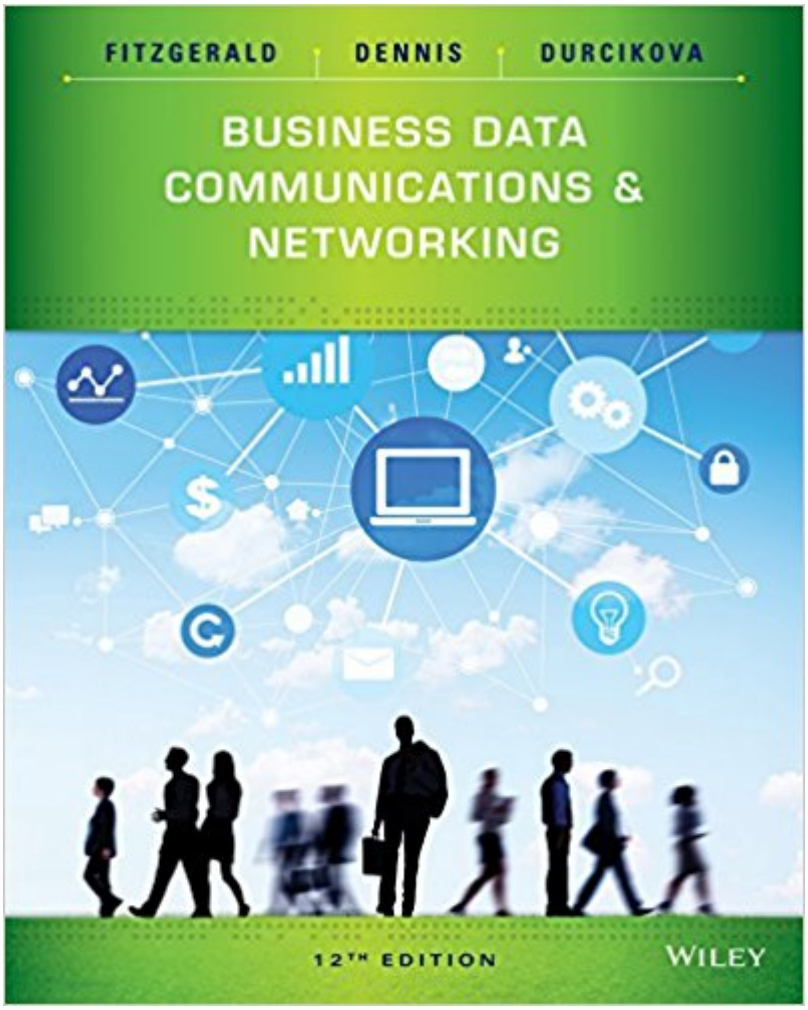
Business Data Communications And Networking



Synopsis

Updated with the latest advances in the field,Ã Â Jerry FitzGerald, Alan Dennis, and Alexandra Durcikova's 12th Edition of Business Data Communications and Networking, continues to provide the fundamental concepts and cutting-edge coverage of applications that students need to succeed in their careers. Authors FitzGerald, Dennis, and Durcikova have developed a foundation and balanced presentation from which new technologies and applications can be easily understood, evaluated, and compared.

Book Information

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Customer Reviews

I'm a beginner and find this book to be not that helpful. It explains the theoretical concepts of a network but doesn't help understand how these apply to a real network. Information about how to interact with a network, how to configure anything, how to physically set up anything is practically nonexistent. I'm going to finish this class being able to talk about layers and protocols but I'll be a mostly useless employee.Here's a quote from the book: "In many ways, the Internet is like the universe (see Figure 10-1). Each of us works in his or her own planet with its own rules (i.e., ISP) but each planet is interconnected with all the others." Except that we don't each have our own planet and they're not interconnected. Figure 10-1 is a picture of stars and one was labeled "you are here". Unfortunately I'm not kidding.

Well written book! I'm about halfway through my class and I have already learned so much from this

book (and of course from my class material and instructors). It does need some supplementation if you're a complete beginner or if your course is a bit more indepth, which mine is, but for a beginner I find the text very readable and not overwhelming, and all the hands on stuff and exercises at the end of each chapter very helpful. My course instructors let us know if some information in the book is outdated or wrong but so far there hasn't really been that much of consequence or much that I didn't know. I've also only noticed just a few typos, nothing major. I'm enjoying this book and if you're in an instructor-led class it's a good textbook. The quality of the binding is also very good as I have bent and folded over and contorted this book every which way while reading it on my commute to work and it's held up well.

I am using this book for a graduate-level class (maybe that is on my university) and it looks like someone who has worked in the industry for less than 5 years wrote it. It takes the basic principles of communications and does a poor job of explaining them. It does not expand into any detail and it makes me think the authors have been in a classroom a little too long. The questions, exercises, and mini-cases are poorly put together and do not relate to the covered material half the time.The only thing they have going for them is that you will be forced to buy this book for your class.Pg. 87, Exercise C, Optimal? Was that in the question?

Theoretical in nature and not necessarily representative of how enterprise networks are built. In need of updating & revising. Even though its publish date is late-2014, there are still references to 2011 as if its in the future. Makes reference to WAN speeds 'typically' being between 1Mb and 50Mb. Even in 2014, that's extremely low bandwidth. There is mention of home internet access being typically less than 25Mbps. Really? Try getting Internet bandwidth at home less than 25Mb. 25Mb is the bare minimum Comcast and other cable companies offers and you can get 75Mb for a few dollars more a month. FiOS offers a minimum of 50Mb. Talks about 40Gbps technology but doesn't mention it was a stopgap and much of the industry has skipped over it. Reads much like notes; hits on high level concepts and then goes into a few details. Design concepts speaks to users with heavy usage and would leave readers with the impression these users can be physically isolated; not true. In today's environments, outside of fixed labs, its unpredictable to know where heavy usage users will end up. Especially in open seating office designs. Talks about VLANs as if they're uncommon and gives the false impression that VLANs themselves (instead of policies applied) do QoS or traffic prioritization. The text says 'hackers' using Wireshark can intercept packets from neighbors using a cable modem because its a shared medium. Almost every cable

cable company has taken steps to prevent this (private VLANs) so readers are left with a false fear. Book also says that network managers are responsible for end-user training. I've never seen network managers having to do end-user training. Perhaps they conduct training for other members of the IT/network team but end-users? As if network managers didn't have enough to do! This is an okay book for high level overview but I'd caution readers not to take the details as gospel.

To be honest I kind of regret renting this book for my class....

Feels like a waste of money. The activities are pointless and casually written. I haven't learned much. I'm leery of downloading all of the free software it suggests.

Passed the exam

Excellent

Cisco CCNA Networking For Beginners : The Ultimate Guide To Become A Cisco Certified Network Associate! - Learn Cisco CCNA Networking In Now Time! Handbook of Image and Video Processing (Communications, Networking and Multimedia) Data Communications and Computer Networks: A Business User's Approach Simulation and Software Radio for Mobile Communications (Artech House Universal Personal Communications) Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming