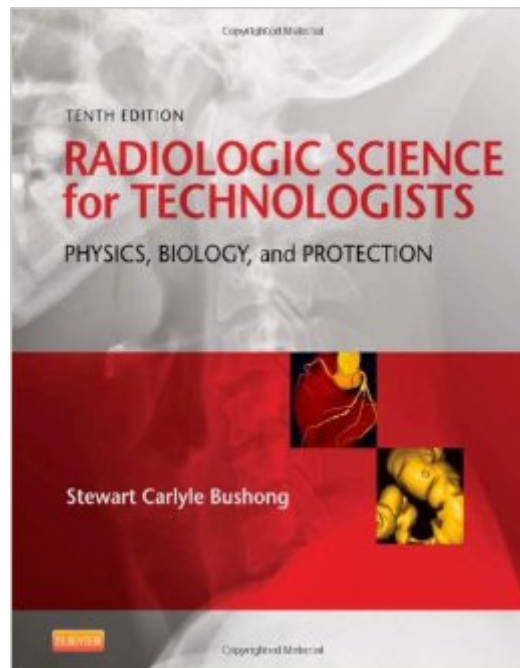


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# Radiologic Science For Technologists: Physics, Biology, And Protection, 10e



## Synopsis

Develop the skills and knowledge to make informed decisions regarding technical factors and diagnostic imaging quality with the vibrantly illustrated *Radiologic Science for Technologists*, 10th Edition. Updated with the latest advances in the field, this full-color and highly detailed edition addresses a broad range of radiologic disciplines and provides a strong foundation in the study and practice of radiologic physics, imaging, radiobiology, radiation protection, and more. Unique learning tools strengthen your understanding of key concepts and prepare you for success on the ARRT certification exam and in clinical practice. Broad coverage of radiologic science topics • including radiologic physics, imaging, radiobiology, radiation protection, and more • allows you to use the text over several semesters. Highlighted math formulas call attention to mathematical information for special focus. Important Concept boxes recap the most important chapter information. Colored page tabs for formulas, conversion tables, abbreviations, and other data provide easy access to frequently used information. End-of-chapter questions include definition exercises, short answer, and calculations to help you review material. Key terms and expanded glossary enable you to easily reference and study content. Chapter introductions, summaries, objectives, and outlines help you organize and pinpoint the most important information. **NEW!** Chapters on digital radiographic technique and digital image display prepare you to use today's technology. **NEW!** Streamlined physics and math sections ensure you are prepared to take the ARRT exam and succeed in the clinical setting.

## Book Information

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## Customer Reviews

From a student's perspective this book is awful. It was clearly written by a physicist as it often goes way too deeply into certain topics. The editing is atrocious. Multiple spelling and grammatical errors. The chapters are poorly organized and often topics are spread out over multiple chapters. Words are often not defined, or simple words, such as radiology, are randomly bolded. There are several figures and tables that do not coincide with the text. Also the math problems are not fully explained and occasionally change units for no reason.

In my opinion, a good science textbook describes complicated concepts clearly and simply. I don't have a problem with the science this book presents, I have a problem with way the book tries to articulate the concept. This book wraps concepts into linguistic gobbledey-gook. For example, consider the following passage in the chapter on Digital Radiography artifacts: "Lossy compression is that which is something greater than an order of magnitude compression less than 10:1" Sadly there are many passages similar to this one. There are also mistakes that remain uncorrected over several editions. An instructor informed me that he submitted a request for correction a few editions ago but it remains. I have to think other textbooks are better than this one.

I bought it because I had to. But my gosh. on 10th edition and yet the book has so many mistakes. The work book especially, the answer keys can't be trusted. Full of mistakes. I do not know how the editors decided that it was ok to publish this book with all these mistakes.

This book has great practice problems that go along with the hardcover book but the answer key has many errors. The publisher needs to go back and revise the answer key. What's the point of practice problems if you can't check the answer.

I am a medical physicist by profession. This book was always very good to understand basics of diagnostic and therapy concepts and equipment used in Radiology. I read and used this book before. I just wanted to buy the latest edition along with its work book to refresh my knowledge. I have studied more advanced books on this subject.

I bought this for class because it is required. I expect a much better product for the price. There are

several discrepancies from one chapter to the next and the example problems often are not edited properly...ie, the formula says to multiply and the example problem adds. Mosby should be ashamed to put out such a sub-par product. Also, the explanations are often lacking!

Great source of information regarding the physics & mathematics of radiologic equipment, radiation protection and radiation biology. All areas are exceptionally well explained and understandable.

Terrible book! Accompanying workbook riddled with incorrect answers to the questions. Had it for 5 months and the binding is already falling apart. Reads like a pothole ridden dirt road.

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