Financial Engineering: The Evolution Of A Profession

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Synopsis

FINANCIAL ENGINEERING The Robert W. Kolb Series in Finance is an unparalleled source of information dedicated to the most important issues in modern finance. Each book focuses on a specific topic in the field of finance and contains contributed chapters from both respected academics and experienced financial professionals. As part of the Robert W. Kolb Series in Finance, Financial Engineering aims to provide a comprehensive understanding of this important discipline by examining its fundamentals, the newest financial products, and disseminating cutting-edge research. A contributed volume of distinguished practitioners and academics, Financial Engineering details the different participants, developments, and products of various markets—from fixed income, equity, and derivatives to foreign exchange. Also included within these pages are comprehensive case studies that reveal the various issues associated with financial engineering. Through them, you'll gain instant insights from the stories of Countrywide (mortgages), Société Générale and Barings (derivatives), the Allstate Corporation (fixed income), AIG, and many others. There is also a companion website with details from the editors' survey of financial engineering programs around the globe, as well as a glossary of key terms from the book. Financial engineering is an evolving field in constant revision. Success, innovation, and profitability in such a dynamic area require being at the forefront of research as new products and models are introduced and implemented. If you want to enhance your understanding of this discipline, take the time to learn from the experts gathered here.

Book Information

Hardcover: 616 pages
Publisher: Wiley; 1 edition (June 7, 2011)
Language: English
ISBN-10: 0470455810
Product Dimensions: 7.3 x 1.8 x 10.2 inches
Shipping Weight: 2.8 pounds (View shipping rates and policies)
Average Customer Review: 5.0 out of 5 stars 1 customer review
Best Sellers Rank: #2,211,505 in Books (See Top 100 in Books) #93 inÁ Books > Business & Money > Finance > Financial Engineering #2753 inÁ Books > Textbooks > Business & Finance > Finance #13196 inÁ Books > Textbooks > Business & Finance > Economics

Customer Reviews
Financial engineering is poised for a great shift in the years ahead. Everyone from investors and borrowers to regulators and legislators will need to determine what works, what doesn’t, and where to go from here. Financial Engineering—part of the Robert W. Kolb Series in Finance—has been designed to help you do just this. Comprised of contributed chapters by distinguished experts from industry and academia, this reliable resource will help you focus on established activities in the field, developing trends and changes, as well as areas of opportunity. Divided into five comprehensive parts, Financial Engineering begins with an informative overview of the discipline, chronicling its complete history and profiling potential career paths. From here, Part II quickly moves on to discuss the evolution of financial engineering in major markets—fixed income, foreign exchange, equities, commodities and credit; and offers important commentary on what has worked and what will change. Part III then examines a number of recent innovative applications of financial engineering that have made news over the past decade; such as the advent of securitized and structured products and highly quantitative trading strategies for both equities and fixed income. Thoughts on how risk management might be retooled to reflect what has been learned as a result of the recent financial crisis are also included. Part IV of the book is devoted entirely to case studies that present valuable lessons for active practitioners and academics. Several of the cases explore the risk that has instigated losses across multiple markets, including the global credit crisis. You’ll gain in-depth insights from cases such as Countrywide, Société Générale, Barings, Long-Term Capital Management, the Florida Local Government Investment Pool, AIG, Merrill Lynch, and many more. The demand for specific and enterprise risk managers who can think outside the box will be substantial during this decade. Much of Part V presents new ways to be successful in an era that demands innovation on both sides of the balance sheet. Chapters that touch upon this essential topic include Musings About Hedging; Operational Risk; and The No-Arbitrage Condition in Financial Engineering: Its Use and Mis-Use. This book is complemented by a companion website that includes details from the editors’ survey of financial engineering programs around the globe, along with a glossary of key terms from the book. This practical guide puts financial engineering in perspective, and will give you a better idea of how it can be effectively utilized in real-world situations.

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Financial engineering is a good book. It provide good introduction what is financial engineering all about and it is useful for me as I am considering whether to take up a course in this area. Download to continue reading...

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