





mathematics or economics in order to comprehend the material. The book is comprised of five major parts: Microeconomics: a concise overview that covers production and the theory of the firm; theory of the consumer; market equilibria and market imperfections; and normative or welfare economics, including imperfect competition effects and consumer and producer surplus Program Management Economics: discusses economic valuation of programs and projects, including investment rates of return; cost-benefit and cost-effectiveness analysis; earned value management; cost structures and estimation of program costs and schedules; strategic and tactical pricing issues; and capital investment and options Cost Estimation: reviews cost-estimation technologies involving precededent and unprecedent development, commercial-off-the-shelf (COTS) software, software reuse, application generators, and fourth-generation languages Strategic Investments in an Uncertain World: addresses alternative methods for valuation of firms including Stern Stewart's EVA, Holt's CFROI, and various competing methodologies Contemporary Perspectives: covers ongoing extensions to theory and practice that enable satisfactory treatment of the increasing returns to scale, network effects, and path-dependent issues generally associated with contemporary ultra-large-scale telecommunications and information networks Also discussed in this comprehensive text are normative or welfare economics and behavioral economics; COCOMO I and II and COSYSMO as examples of a cost model; and options-based valuation models and valuation of information technology intensive enterprises. Economic Systems Analysis and Assessment serves as an ideal textbook for senior undergraduate and first-year graduate courses in economic systems analysis and assessment, as well as a valuable reference for engineers and managers involved with information technology intensive systems, professional economists, cost analysts, investment evaluators, and systems engineers.

Business professionals that struggle to understand key concepts in economics and how they are applied in the field rely on Microeconomics. The 5th edition makes the material accessible while helping them build their problem-solving skills. It includes numerous new practice problems and exercises that arm them with a deeper understanding. Learning by Doing exercises explore the theories while boosting overall math skills. Graphs are included throughout the mathematical discussions to reinforce the material. In addition, the balanced approach of rigorous economics gives business professionals a more practical resource. Managerial Economics, 9th Edition, introduces undergraduates, MBAs, and executives to the complex decision problems today's managers face, providing the knowledge and analytical skills required to make informed decisions and prosper in the modern business environment. Going beyond the traditional academic approach to teaching economic analysis, this comprehensive textbook describes how practicing managers use various economic methods in the real world. Each in-depth chapter opens with a central managerial problem--challenging readers to consider and evaluate possible choices--and concludes by reviewing and analyzing the decision through the lens of the concepts introduced in the chapter. Extensively updated throughout, the text makes use of numerous extended decision-making examples to discuss the foundational principles of managerial economics, illustrate key concepts, and strengthen students' critical thinking skills. A range of problems, building upon material covered in previous chapters, are applied to increasingly challenging applications as students advance through the text. Favoring practical skills development over complicated theoretical discussion, the book includes numerous mini-problems that reinforce students' quantitative understanding without overwhelming them with an excessive amount of mathematics.

Microeconomics

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