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Engineering Economics - Niall M. Fraser 2012-03-05

Engineering Economics: Financial Decision Making for Engineers is designed for teaching a course on engineering economics to match engineering practice today. It recognizes the role of the engineer as a decision maker who has to make and defend sensible decisions. Such decisions must not only take into account a correct assessment of costs and benefits, they must also reflect an understanding of the environment in which the decisions are made. The 5th edition has new material on project management in order to adhere to the CEAB guidelines as well the new edition will have a new spreadsheet feature throughout the text.

Handbook of Technical Writing - Charles T. Brusaw 1997-08-15

New to this edition: Up-to-date information on on-line research and computer resources. A unique four-way access system enables users of the Handbook of Technical Writing to find what they need quickly and get on with the job of writing: 1. The hundreds of entries in the body of the Handbook are alphabetically arranged, so you can flip right to the topic at hand. Words and phrases in bold type provide cross-references to related entries. 2. The topical key groups alphabetical entries and page numbers under broader topic categories. This topical table of contents allows you to check broader subject areas for the specific topic you need. 3. The checklist of the writing process summarizes the opening essay on "Five Steps to Successful Writing" in checklist form with page

references to related topics, making it easy to use the Handbook as a writing text. 4. The comprehensive index provides an exhaustive listing of related and commonly confused topics, so you can easily locate information even when you don't know the exact term you're looking for.

Introductory Statistics - Barbara Illowsky 2017-12-19

Introductory Statistics is designed for the one-semester, introduction to statistics course and is geared toward students majoring in fields other than math or engineering. This text assumes students have been exposed to intermediate algebra, and it focuses on the applications of statistical knowledge rather than the theory behind it. The foundation of this textbook is Collaborative Statistics, by Barbara Illowsky and Susan Dean. Additional topics, examples, and ample opportunities for practice have been added to each chapter. The development choices for this textbook were made with the guidance of many faculty members who are deeply involved in teaching this course. These choices led to innovations in art, terminology, and practical applications, all with a goal of increasing relevance and accessibility for students. We strove to make the discipline meaningful, so that students can draw from it a working knowledge that will enrich their future studies and help them make sense of the world around them. Coverage and Scope Chapter 1 Sampling and Data Chapter 2 Descriptive Statistics Chapter 3 Probability Topics Chapter 4 Discrete Random Variables Chapter 5 Continuous Random Variables Chapter 6

The Normal Distribution Chapter 7 The Central Limit Theorem Chapter 8 Confidence Intervals Chapter 9 Hypothesis Testing with One Sample Chapter 10 Hypothesis Testing with Two Samples Chapter 11 The Chi-Square Distribution Chapter 12 Linear Regression and Correlation Chapter 13 F Distribution and One-Way ANOVA

Basics of Engineering Economy - Leland Blank 2013-03-01

This text covers the basic techniques and applications of engineering economy for all disciplines in the engineering profession. The writing style emphasizes brief, crisp coverage of the principle or technique discussed in order to reduce the time taken to present and grasp the essentials. The objective of the text is to explain and demonstrate the principles and techniques of engineering economic analysis as applied in different fields of engineering. This brief text includes coverage of multiple attribute evaluation for instructors who want to include non-economic dimensions in alternative evaluation and the discussion of risk considerations in the appendix, compared to Blank's comprehensive text, where these topics are discussed in two unique chapters.

Steel Structures - Hassan Al Nageim 2017-12-21

The third edition of this popular book now contains references to both Eurocodes and British Standards, as well as new and revised examples, and sections on sustainability, composite columns and local buckling. Initial chapters cover the essentials of structural engineering and structural steel design, whilst the remainder of the book is dedicated to a detailed examination of the analysis and design of selected types of structures, presenting complex designs in an understandable and user-friendly way. These structures include a range of single and multi-storey buildings, floor systems and wide-span buildings. Emphasis is placed on practical design with a view to helping undergraduate students and newly qualified engineers bridge the gap between academic study and work in the design office. Experienced engineers who need a refresher course on up-to-date methods of design and analysis will also find the book useful.

Integration of the Armed Forces, 1940-1965 - Morris J. MacGregor 2020-06-18

"In the quarter century that followed American entry into World War II, the nation's armed forces moved from the reluctant inclusion of a few segregated Negroes to their routine acceptance in a racially integrated military establishment. Nor was this change confined to military installations. By the time it was over, the armed forces had redefined their traditional obligation for the welfare of their members to include a promise of equal treatment for black servicemen wherever they might be. In the name of equality of treatment and opportunity, the Department of Defense began to challenge racial injustices deeply rooted in American society. For all its sweeping implications, equality in the armed forces obviously had its pragmatic aspects. In one sense it was a practical answer to pressing political problems that had plagued several national administrations. In another, it was the services' expression of those liberalizing tendencies that were permeating American society during the era of civil rights activism. But to a considerable extent the policy of racial equality that evolved in this quarter century was also a response to the need for military efficiency. So easy did it become to demonstrate the connection between inefficiency and discrimination that, even when other reasons existed, military efficiency was the one most often evoked by defense officials to justify a change in racial policy."_x000D_ Morris J. MacGregor, Jr., received the A.B. and M.A. degrees in history from the Catholic University of America. He continued his graduate studies at the Johns Hopkins University and the University of Paris on a Fulbright grant. Before joining the staff of the U.S. Army Center of Military History in 1968 he served for ten years in the Historical Division of the Joint Chiefs of Staff.

Electrical Engineering in Context: Smart Devices, Robots & Communications - Roman Kuc 2014-03-12

ELECTRICAL ENGINEERING IN CONTEXT: SMART DEVICES, ROBOTS & COMMUNICATIONS by bestselling author Roman Kuc describes the basic components and technologies that make today's computer-assisted systems operate and cooperate, inviting the reader to understand by participating in the design process. Directed at the undergraduate electrical engineering student, this book starts with the basics and

requires a working knowledge of algebra. Rather than simple plug-and-chug exercises, the book teaches sophisticated problem-solving and design tools. Students will learn through designing digital displays, extracting information from signals, and optimizing system performance through parameter value selection and observing graphical data displays. Animations showing dynamic system behavior and relating to the book figures are available through the book's companion site. At the completion of the course, students will have an understanding of the capabilities of current digital devices and ideas for possible new applications. This will benefit students in other courses requiring quantitative skills and in their profession. To help accomplish this tall order, the book is written in a graduated intensity that can be adapted to the specific needs and talents of each student: Basic commands and graphs are used in first-level problems that illustrate device performance while varying parameter values and in designs that are open-ended, driven by student curiosity. Some problems can be solved using software packages, but many exercises are for paper and pencil solution. MATLAB based examples and problems are also included for users comfortable with computer programming. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Engineering Economy - Ernest Paul DeGarmo 1973

Elements of Modern Algebra, International Edition - Linda Gilbert
2008-11-01

ELEMENTS OF MODERN ALGEBRA, 7e, INTERNATIONAL EDITION with its user-friendly format, provides you with the tools you need to get succeed in abstract algebra and develop mathematical maturity as a bridge to higher-level mathematics courses.. Strategy boxes give you guidance and explanations about techniques and enable you to become more proficient at constructing proofs. A summary of key words and phrases at the end of each chapter help you master the material. A reference section, symbolic marginal notes, an appendix, and numerous examples help you develop your problem solving skills.

An Introduction to Engineering Economics - Institution of Civil Engineers (Great Britain) 1969

General considerations; Application of project appraisal techniques; Budgetary problems and financial planning.

ENGINEERING ECONOMICS - R. PANNEERSELVAM 2013-10-21

Designed as a textbook for undergraduate students in various engineering disciplines—Mechanical, Civil, Industrial Engineering, Electronics Engineer-ing and Computer Science—and for postgraduate students in Industrial Engineering and Water Resource Management, this comprehensive and well-organized book, now in its Second Edition, shows how complex economic decisions can be made from a number of given alternatives. It provides the managers not only a sound basis but also a clear-cut approach to making decisions. These decisions will ultimately result in minimizing costs and/or maximizing benefits. What is more, the book adequately illustrates the concepts with numerical problems and Indian cases. While retaining all the chapters of the previous edition, the book adds a number of topics to make it more comprehensive and more student friendly. What's New to This Edition • Discusses different types of costs such as average cost, recurring cost, and life cycle cost. • Deals with different types of cost estimating models, index numbers and capital allowance. • Covers the basics of nondeterministic decision making. • Describes the meaning of cash flows with probability distributions and decision making, and selection of alternatives using simulation. • Discusses the basic concepts of Accounting. This book, which is profusely illustrated with worked-out examples and a number of diagrams and tables, should prove extremely useful not only as a text but also as a reference for those offering courses in such areas as Project Management, Production Management, and Financial Management.

Probability & Statistics with R for Engineers and Scientists - Michael Akritas 2018-03-21

This title is part of the Pearson Modern Classics series. Pearson Modern Classics are acclaimed titles at a value price. Please visit www.pearsonhighered.com/math-classics-series for a complete list of

titles. This text grew out of the author's notes for a course that he has taught for many years to a diverse group of undergraduates. The early introduction to the major concepts engages students immediately, which helps them see the big picture, and sets an appropriate tone for the course. In subsequent chapters, these topics are revisited, developed, and formalized, but the early introduction helps students build a true understanding of the concepts. The text utilizes the statistical software R, which is both widely used and freely available (thanks to the Free Software Foundation). However, in contrast with other books for the intended audience, this book by Akritas emphasizes not only the interpretation of software output, but also the generation of this output. Applications are diverse and relevant, and come from a variety of fields.
Thomas' Calculus - Weir 2008

Solution Manual for Engineering Economic Analysis - Donald G. Newnan 2000-06

The Continental Army - Robert K. Wright 1983

A narrative analysis of the complex evolution of the Continental Army, with the lineages of the 177 individual units that comprised the Army, and fourteen charts depicting regimental organization.

Magento 2 DIY - Viktor Khliupko 2016-12-19

Learn how Magento 2, the newest version of the eCommerce platform, works. Aimed at entrepreneurs, marketers, and other experts interested in eCommerce, this book is accessible for anyone who wants to learn how to use Magento with no previous experience. Magento continues to be a top choice for eCommerce solutions in small and large businesses. Magento 2 DIY shows you how to set up and configure Magento for your own project. You will learn how to use extensions, templates and enterprise features. Various techniques are taught in an easy-to-understand way with real-world examples. Get started with Magento 2 using this book. What You Will Learn Set up, configure, use templates, designs and extensions Use the SEO and SMO features of Magento 2 Optimize security and performance Integrate with PIM, ERP, CRM, and

other enterprise systems Who This Book Is For Anyone who wants to learn the basics of all aspects of Magento 2. You do not need any previous experience with Magento.

Engineering Economy - Leland T. Blank 2001-08-01

This student-friendly text on the current economic issues particular to engineering covers the topics needed to analyze engineering alternatives. Students use both hand-worked and spreadsheet solutions of examples, problems and case studies. In this edition the options have been increased with an expanded spreadsheet analysis component, twice the number of case studies, and virtually all new end-of-chapter problems. The chapters on factor derivation and usage, cost estimation, replacement studies, and after-tax evaluation have been heavily revised. New material is included on public sector projects and cost estimation. A reordering of chapters puts the fundamental topics up front in the text. Many chapters include a special set of problems that prepare the students for the Fundamentals of Engineering (FE) exam. This text provides students and practicing professionals with a solid preparation in the financial understanding of engineering problems and projects, as well as the techniques needed for evaluating and making sound economic decisions. Distinguishing characteristics include learning objectives for each chapter, an easy-to-read writing style, many solved examples, integrated spreadsheets, and case studies throughout the text. Graphical cross-referencing between topics and quick-solve spreadsheet solutions are indicated in the margin throughout the text. While the chapters are progressive, over three-quarters can stand alone, allowing instructors flexibility for meeting course needs. A complete online learning center (OLC) offers supplemental practice problems, spreadsheet exercises, and review questions for the the Fundamentals of Engineering (FE) exam.

Advanced Engineering Mathematics - Michael Greenberg 2013-09-20
Appropriate for one- or two-semester Advanced Engineering Mathematics courses in departments of Mathematics and Engineering. This clear, pedagogically rich book develops a strong understanding of the mathematical principles and practices that today's engineers and

scientists need to know. Equally effective as either a textbook or reference manual, it approaches mathematical concepts from a practical-use perspective making physical applications more vivid and substantial. Its comprehensive instructional framework supports a conversational, down-to-earth narrative style offering easy accessibility and frequent opportunities for application and reinforcement.

Screenwriting Down to the Atoms - Michael Welles Schock 2013-01

There are many books on screenwriting that claim to have all the answers. Unfortunately, quite often the more aspiring writers read, the more confused they become as they encounter contradictory statements, incomplete perspectives, and methods that fail to do more than scratch the surface. "Screenwriting Down to the Atoms" was written to end all the confusion. It picks up where the best leave off and makes up for where the rest fall short by looking closer and digging deeper to reveal the "true" principles beneath great cinematic stories. No confusion. No contradictions. "Atoms" provides a light in the dark to give a full, simple, and truly effective understanding of the craft. "Screenwriting Down to the Atoms" takes the basics "far beyond" the basics. It begins by putting the entire field under the microscope to challenge, and often refute, ideas writers have been taught to assume for decades. It then builds a simple, systematic approach clear enough for any writer to understand and put directly into use. Readers will discover storytelling's "golden key" - an elegantly-simple structure that forms the basis of all other structures. They will learn how to satisfy viewers by meeting the responsibilities of the "storyteller-audience relationship." They will understand how to creatively control story information to give a narrative the greatest dramatic impact. Most writers toil for years to learn these principles. With "Atoms," you can have this knowledge from the very start. Whether you are working on your fifteenth screenplay or your first, "Screenwriting Down to the Atoms" gives indispensable knowledge found in no other source. "Atoms" is screencraft for the 21st century. The next generation of guides for the next generation of writers.

Solutions Manual to Accompany Engineering Economics for Capital Investment Analysis - Tung Au 1983

Code Talker - Joseph Bruchac 2006-07-06

"Readers who choose the book for the attraction of Navajo code talking and the heat of battle will come away with more than they ever expected to find."—Booklist, starred review Throughout World War II, in the conflict fought against Japan, Navajo code talkers were a crucial part of the U.S. effort, sending messages back and forth in an unbreakable code that used their native language. They braved some of the heaviest fighting of the war, and with their code, they saved countless American lives. Yet their story remained classified for more than twenty years. But now Joseph Bruchac brings their stories to life for young adults through the riveting fictional tale of Ned Begay, a sixteen-year-old Navajo boy who becomes a code talker. His grueling journey is eye-opening and inspiring. This deeply affecting novel honors all of those young men, like Ned, who dared to serve, and it honors the culture and language of the Navajo Indians. An ALA Best Book for Young Adults "Nonsensational and accurate, Bruchac's tale is quietly inspiring..."—School Library Journal

Management Information Systems - Kenneth C. Laudon 2004

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Central America Urbanization Review - Augustin Maria 2017-03-22

Central America is undergoing an important transition. Urban populations are increasing at accelerated speeds, bringing pressing challenges for development, as well as opportunities to boost sustained, inclusive and resilient growth. Today, 59 percent of the region's population lives in urban areas, but it is expected that 7 out of 10 people will live in cities within the next generation. At current rates of urbanization, Central America's urban population will double in size by 2050, welcoming over 25 million new urban dwellers calling for better infrastructure, higher coverage and quality of urban services and greater

employment opportunities. With more people concentrated in urban areas, Central American governments at the national and local levels face both opportunities and challenges to ensure the prosperity of their country's present and future generations. The Central America Urbanization Review: Making Cities Work for Central America provides a better understanding of the trends and implications of urbanization in the six Central American countries -Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua and Panama- and the actions that central and local governments can take to reap the intended benefits of this transformation. The report makes recommendations on how urban policies can contribute to addressing the main development challenges the region currently faces such as lack of social inclusion, high vulnerability to natural disasters, and lack of economic opportunities and competitiveness. Specifically, the report focuses on four priority areas for Central American cities: institutions for city management, access to adequate and well-located housing, resilience to natural disasters, and competitiveness through local economic development. This book is written for national and local policymakers, private sector actors, civil society, researchers and development partners in Central America and all around the world interested in learning more about the opportunities that urbanization brings in the 21st century.

College Mathematics for Business, Economics, Life Sciences and Social Sciences - Raymond A. Barnett 2010

This accessible text is designed to help readers help themselves to excel. The content is organized into three parts: (1) A Library of Elementary Functions (Chapters 1–2), (2) Finite Mathematics (Chapters 3–9), and (3) Calculus (Chapters 10–15). The book's overall approach, refined by the authors' experience with large sections of college freshmen, addresses the challenges of learning when readers' prerequisite knowledge varies greatly. Reader-friendly features such as Matched Problems, Explore & Discuss questions, and Conceptual Insights, together with the motivating and ample applications, make this text a popular choice for today's students and instructors.

Statistical Techniques in Business & Economics - Douglas A. Lind

2002

Accompanying CD-ROM contains ... "data files, Web links, practice quizzes, PowerPoint, video clips, software tutorials, MegaStat for Excel software and user manual."--Page 4 of cover.

Contemporary Engineering Economics, Global Edition - Chan S Park 2016-01-08

For courses in engineering and economics Comprehensively blends engineering concepts with economic theory Contemporary Engineering Economics teaches engineers how to make smart financial decisions in an effort to create economical products. As design and manufacturing become an integral part of engineers' work, they are required to make more and more decisions regarding money. The 6th Edition helps students think like the 21st century engineer who is able to incorporate elements of science, engineering, design, and economics into his or her products. This text comprehensively integrates economic theory with principles of engineering, helping students build sound skills in financial project analysis. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

Engineering Economic Analysis - Donald G. Newnan 2018-02-05 Praised for its accessible tone and extensive problem sets, this trusted text familiarizes students with the universal principles of engineering economics. This essential introduction features a wealth of specific Canadian examples and has been fully updated with new coverage of inflation and environmental stewardship as well as a new chapter on project management.

Romola - George Eliot 1874

Romola, one of the best-known novels by George Eliot (C. P. P.), was

originally published in 1863. The scene is in Florence, Italy, at the end of the fifteenth century. Roinola, the heroine, a daughter of the Italian family of Bardi, marries Tito Melema, a Greek, but the marriage proves a failure, and she sacrifices herself in devotion to the people during the plague. A marvellously able story of the revival of the taste and beauty and freedom of Hellenic manners and letters, under Lorenzo di Medici and the scholars of his Court, side by side with the revival of Roman virtue, and more than the ancient austerity and piety, under the great Dominican, Savonarola. The period of history is one which of all others may well have engrossing interest for George Eliot. Treasures of learning and discipline, amassed for mankind ages before, for ages stored and hidden away, see again the sun, are recognized and put to use. What use they will be put to, with what new and fruitful effects on the State and the citizen, with what momentary and with what lasting consequences, this she strives to discover ; this she follows through the public history of Italy during the modern invasion of Charles VIII., and the events which succeed his invasion, and through the private fortunes of her admirably chosen group of characters, some of them drawn from life, all of them true to nature.

Engineering Economy - G. J. Thuesen 2001

Guide to Energy Management, Eighth Edition - International Version - Barney L. Capehart 2020-11-26

This new International Version includes all material covered in the standard eighth edition, but numerical data and calculations are expressed in Systeme International (SI) units. Completely revised, this latest edition includes new chapters on electrical systems; motors and drives; commissioning; and human behavior and facility energy management. Also updated are chapters on lighting, HVAC systems, web-based building automation, control systems, green buildings, and greenhouse gas management. Written by respected professionals, this book examines objectives of energy management and illustrates techniques proven effective for achieving results.

The Financial Crisis Inquiry Report, Authorized Edition - Financial

Crisis Inquiry Commission 2011-01-27

Examines the causes of the financial crisis that began in 2008 and reveals the weaknesses found in financial regulation, excessive borrowing, and breaches in accountability.

Engineering Economics of Life Cycle Cost Analysis - John Vail Farr 2018-10-17

Engineering has changed dramatically in the last century. With modern computing systems, instantaneous communication, elimination of low/mid management, increased complexity, and extremely efficient supply chains, all have dramatically affected the responsibilities of engineers at all levels. The future will require cost effective systems that are more secure, interconnected, software centric, and complex. Employees at all levels need to be able to develop accurate cost estimates based upon defensible cost analysis. It is under this backdrop that this book is being written. By presenting the methods, processes, and tools needed to conduct cost analysis, estimation, and management of complex systems, this textbook is the next step beyond basic engineering economics. Features Focuses on systems life cycle costing Includes materials beyond basic engineering economics, such as simulation-based costing Presents cost estimating, analysis, and management from a total ownership cost perspective Offers numerous real-life examples Provides excel based textbook/problems Offers PowerPoint slides, Solutions Manual, and author website with downloadable excel solutions, etc.

Fundamentals of Engineering Economics - Chan S. Park 2009

This work offers a concise, but in-depth coverage of all fundamental topics of engineering economics.

Schaums Outline of Engineering Economics - Jose A. Sepulveda 1984-06-22

Reviews basic economic concepts, including compound interest, equivalence, present worth, rate of return, depreciation, and cost-benefit ratios

Introduction to Real Analysis - William F. Trench 2003

Using an extremely clear and informal approach, this book introduces

readers to a rigorous understanding of mathematical analysis and presents challenging math concepts as clearly as possible. The real number system. Differential calculus of functions of one variable. Riemann integral functions of one variable. Integral calculus of real-valued functions. Metric Spaces. For those who want to gain an understanding of mathematical analysis and challenging mathematical concepts.

Theory and Design for Mechanical Measurements - Richard S. Figliola
2020-06-23

Theory and Design for Mechanical Measurements merges time-tested pedagogy with current technology to deliver an immersive, accessible resource for both students and practicing engineers. Emphasizing statistics and uncertainty analysis with topical integration throughout, this book establishes a strong foundation in measurement theory while leveraging the e-book format to increase student engagement with interactive problems, electronic data sets, and more. This new Seventh edition has been updated with new practice problems, electronically accessible solutions, and dedicated Instructor Problems that ease course planning and assessment. Extensive coverage of device selection, test procedures, measurement system performance, and result reporting and analysis sets the field for generalized understanding, while practical discussion of data acquisition hardware, infrared imaging, and other current technologies demonstrate real-world methods and techniques. Designed to align with a variety of undergraduate course structures, this unique text offers a highly flexible pedagogical framework while remaining rigorous enough for use in graduate studies, independent study, or professional reference.

Engineering Economy - William G. Sullivan 2013-12-23

Engineering Economy is intended to serve as a text for classroom instruction in undergraduate, introductory courses in Engineering Economics. It also serves as a basic reference for use by practicing engineers in all specialty areas (e.g., chemical, civil, computer, electrical, industrial, and mechanical engineering). The book is also useful to persons engaged in the management of technical activities. ÷ Used by

engineering students worldwide, this best-selling text provides a sound understanding of the principles, basic concepts, and methodology of engineering economy. Built upon the rich and time-tested teaching materials of earlier editions, it is extensively revised and updated to reflect current trends and issues, with an emphasis on the economics of engineering design throughout. It provides one of the most complete and up-to-date studies of this vitally important field. ÷ MyEngineeringLab for Engineering Economy is a total learning package that is designed to improve results through personalized learning. MyEngineeringLab is an online homework, tutorial, and assessment program that truly engages students in learning. It helps students better prepare for class, quizzes, and exams—resulting in better performance in the course—and provides educators a dynamic set of tools for gauging individual and class progress. ÷ ÷ Teaching and Learning Experience This program will provide a better teaching and learning experience—for you and your students. It will help: Personalize Learning: MyEngineeringLab provides students with a personalized interactive learning environment, where they can learn at their own pace and measure their progress. Provide a Solid Foundation in the Principles, Concepts, and Methodology of Engineering Economy: Students will learn to understand and apply economic principles to engineering. Prepare Students for Professional Practice: ÷ Students will develop proficiency with the process for making rational decisions that they are likely to encounter in professional practice. Support Learning: The TestGen testbank allows instructors to regenerate algorithmically-generated variables within each problem to offer students a virtually unlimited number of paper or online assessments. Note: You are purchasing a standalone product; MyEngineeringLab does not come packaged with this content. If you would like to purchase both the physical text and MyEngineeringLab ÷ search for ISBN-10: 0133750213/ISBN-13: 9780133750218. That package includes ISBN-10: 0133439275/ISBN-13: 9780133439274 and ISBN-10: 0133455343 /ISBN-13: 9780133455342. MyEngineeringLab is not a self-paced technology and should only be purchased when required by an instructor.

Back to Venice - Michael Grant 2011-05-26

Imagine what it would be like to go back in time to the 15th century Venice. And imagine what it would be like to meet your lifelong hero, Michelangelo. And imagine what it would be like if, on first meeting, you spill a tray of pasta and wine on that very same hero. Well, that's what happens to serious young artist Mark Breen. As the result of a drunken bet, Mark knocks out a painting of a toilet bowl. Much to his amazement, he sells it. In short order he's hailed as the new Andy Warhol and becomes an overnight sensation and a very wealthy man. Soon, images of his toilet bowls are on more t-shirts, mugs, and calendars than Edvard Munch's The Scream. His friend and mentor, Hugh Connelly, afraid that Mark is in danger of losing his "artistic soul," advises him to go back to Italy and reacquaint himself with the "old masters." In Venice, Mark falls in love with Alexandra, a beautiful art restorer, but it's a one-sided affair. One night, hoping to win her over, he climbs up on a roof to find out who painted her favorite fresco. He falls off the roof and wakes up in 15th century Venice where he meets an innkeeper named Francesca, who looks exactly like Alexandra. And it gets curiously and curiously from there. During his stay - which is sometimes zany and sometimes frightening - he meets his hero, Michelangelo, who teaches him the true meaning of art.

Aviation Maintenance Technician Handbook-airframe, Ebundle -

Federal Aviation Administration 2013-04-03

Trade Paperback + PDF eBook version: Trade paperback book comes with code to download the eBook from ASA's website. This new FAA AMT Handbook - Airframe Volume 2 is one of two volumes that replace and supersede Advisory Circular (AC) 65-15A. Completely revised and updated, this handbook reflects current operating procedures, regulations, and equipment. This book was developed as part of a series of handbooks for persons preparing for mechanic certification with airframe or powerplant ratings, or both - those seeking an Aviation Maintenance Technician (AMT) Certificate, also called an A&P license. An effective text for both students and instructors, this handbook will also serve as an invaluable reference guide for current technicians who

wish to improve their knowledge. Airframe Volume 2 contains: Aircraft Instrument Systems, Communication and Navigation, Hydraulic and Pneumatic Power Systems, Aircraft Landing Gear Systems, Aircraft Fuel System, Ice and Rain Protection, Cabin Environmental Control Systems, Fire Protection Systems. Includes colored charts, tables, full-color illustrations and photographs throughout, and an extensive glossary and index.

Teaching Engineering, Second Edition - Phillip C. Wankat 2015-01-15

The majority of professors have never had a formal course in education, and the most common method for learning how to teach is on-the-job training. This represents a challenge for disciplines with ever more complex subject matter, and a lost opportunity when new active learning approaches to education are yielding dramatic improvements in student learning and retention. This book aims to cover all aspects of teaching engineering and other technical subjects. It presents both practical matters and educational theories in a format useful for both new and experienced teachers. It is organized to start with specific, practical teaching applications and then leads to psychological and educational theories. The "practical orientation" section explains how to develop objectives and then use them to enhance student learning, and the "theoretical orientation" section discusses the theoretical basis for learning/teaching and its impact on students. Written mainly for PhD students and professors in all areas of engineering, the book may be used as a text for graduate-level classes and professional workshops or by professionals who wish to read it on their own. Although the focus is engineering education, most of this book will be useful to teachers in other disciplines. Teaching is a complex human activity, so it is impossible to develop a formula that guarantees it will be excellent. However, the methods in this book will help all professors become good teachers while spending less time preparing for the classroom. This is a new edition of the well-received volume published by McGraw-Hill in 1993. It includes an entirely revised section on the Accreditation Board for Engineering and Technology (ABET) and new sections on the characteristics of great teachers, different active learning methods, the

application of technology in the classroom (from clickers to intelligent tutorial systems), and how people learn.