

# Fluid Mechanics 6th Edition Solution Manual Frank White

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**Experimental Physical Chemistry** Daniels Farrington  
2018-11-10 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and

relevant.

**Viscous Fluid Flow** Frank M. White 1991 Designed for higher level courses in viscous fluid flow, this text presents a comprehensive treatment of the subject. This revision retains the approach and organization for which the first edition has been highly regarded, while bringing the material completely up-to-date. It contains new information on the latest technological advances and includes many more applications, thoroughly updated problems and exercises.

**Elementary Fluid Mechanics** John K. Vennard 2013-04-16  
ELEMENTARY FLUID MECHANICS BY JOHN K. VENNARD Assistant Professor of Fluid Mechanics New York University.  
PREFACE: Fluid mechanics is the study under all possible conditions of rest and motion. Its approaches analytical, rational, and mathematical rather than empirical it concerns itself with those basic principles which lead to the solution of numerous diversified

problems, and it seeks results which are widely applicable to similar fluid situations and not limited to isolated special cases. Fluid mechanics recognizes no arbitrary boundaries between fields of engineering knowledge but attempts to solve all fluid problems, irrespective of their occurrence or of the characteristics of the fluids involved. This textbook is intended primarily for the beginner who knows the principles of mathematics and mechanics but has had no previous experience with fluid phenomena. The abilities of the average beginner and the tremendous scope of fluid mechanics appear to be in conflict, and the former obviously determine limits beyond which it is not feasible to go these practical limits represent the boundaries of the subject which I have chosen to call elementary fluid mechanics. The apparent conflict between scope of subject and beginner's ability is only along mathematical lines, however, and the physical ideas of fluid mechanics are well within the reach of the beginner in the field. Holding to the belief that physical concepts are the sine qua non of mechanics, I have sacrificed mathematical rigor and detail in developing physical pictures and in many cases have stated general laws only without numerous exceptions and limitations in order to convey basic ideas such as oversimplification is necessary in introducing a new subject to the beginner. Like other courses in mechanics, fluid mechanics must include disciplinary features as well as factual information the beginner must follow theoretical developments, develop imagination in visualizing physical phenomena, and be forced to think his way through problems of theory and application. The text attempts to attain these objectives in the following ways omission of subsidiary

conclusions is designed to encourage the student to come to some conclusions by himself application of bare principles to specific problems should develop ingenuity illustrative problems are included to assist in overcoming numerical difficulties and many numerical problems for the student to solve are intended not only to develop ingenuity but to show practical applications as well. Presentation of the subject begins with a discussion of fundamentals, physical properties and fluid statics. Frictionless flow is then discussed to bring out the applications of the principles of conservation of mass and energy, and of impulse-momentum law, to fluid motion. The principles of similarity and dimensional analysis are next taken up so that these principles may be used as tools in later developments. Frictional processes are discussed in a semi-quantitative fashion, and the text proceeds to pipe and open-channel flow. A chapter is devoted to the principles and apparatus for fluid measurements, and the text ends with an elementary treatment of flow about immersed objects.

**Fundamentals Of Heat And Mass Transfer, 5Th Ed** Incropera 2009-07 This best-selling book in the field provides a complete introduction to the physical origins of heat and mass transfer. Noted for its crystal clear presentation and easy-to-follow problem solving methodology, Incropera and Dewitt's systematic approach to the first law develop readers confidence in using this essential tool for thermal analysis.· Introduction to Conduction· One-Dimensional, Steady-State Conduction· Two-Dimensional, Steady-State Conduction· Transient Conduction· Introduction to Convection· External Flow· Internal Flow· Free Convection· Boiling and Condensation· Heat Exchangers· Radiation: Processes and

Properties · Radiation Exchange Between Surfaces ·  
Diffusion Mass Transfer

*Fundamentals of Heat and Mass Transfer* Theodore L. Bergman 2011-04-12 Completely updated, the seventh edition provides engineers with an in-depth look at the key concepts in the field. It incorporates new discussions on emerging areas of heat transfer, discussing technologies that are related to nanotechnology, biomedical engineering and alternative energy. The example problems are also updated to better show how to apply the material. And as engineers follow the rigorous and systematic problem-solving methodology, they'll gain an appreciation for the richness and beauty of the discipline.

Mechanical Engineering 1983-06

Mechanics of Fluids SI Version Merle C. Potter 2012-08-08 MECHANICS OF FLUIDS presents fluid mechanics in a manner that helps students gain both an understanding of, and an ability to analyze the important phenomena encountered by practicing engineers. The authors succeed in this through the use of several pedagogical tools that help students visualize the many difficult-to-understand phenomena of fluid mechanics. Explanations are based on basic physical concepts as well as mathematics which are accessible to undergraduate engineering students. This fourth edition includes a Multimedia Fluid Mechanics DVD-ROM which harnesses the interactivity of multimedia to improve the teaching and learning of fluid mechanics by illustrating fundamental phenomena and conveying fascinating fluid flows. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Mechanics of Materials** Timothy A. Philpot 2019-01-07

*Fluid Mechanics* 2020

*Books in Print Supplement* 1994

**A First Course in Fluid Dynamics** A. R. Paterson 1983-11-10 This book introduces the subject of fluid dynamics from the first principles.

**Fundamental Mechanics of Fluids, Third Edition** Iain G. Currie 2002-12-12 Retaining the features that made previous editions perennial favorites, *Fundamental Mechanics of Fluids, Third Edition* illustrates basic equations and strategies used to analyze fluid dynamics, mechanisms, and behavior, and offers solutions to fluid flow dilemmas encountered in common engineering applications. The new edition contains completely reworked line drawings, revised problems, and extended end-of-chapter questions for clarification and expansion of key concepts. Includes appendices summarizing vectors, tensors, complex variables, and governing equations in common coordinate systems Comprehensive in scope and breadth, the Third Edition of *Fundamental Mechanics of Fluids* discusses: Continuity, mass, momentum, and energy One-, two-, and three-dimensional flows Low Reynolds number solutions Buoyancy-driven flows Boundary layer theory Flow measurement Surface waves Shock waves

**Chemical Engineering Fluid Mechanics, Third Edition** Ron Darby 2016-11-30 This book provides readers with the most current, accurate, and practical fluid mechanics related applications that the practicing BS level engineer needs today in the chemical and related industries, in addition to a fundamental understanding of these applications based upon sound fundamental basic scientific principles. The emphasis remains on problem solving, and the new edition includes many more examples.

**Handbook of Fluid Dynamics** Richard W. Johnson 2016-04-06  
Handbook of Fluid Dynamics offers balanced coverage of the three traditional areas of fluid dynamics-theoretical, computational, and experimental-complete with valuable appendices presenting the mathematics of fluid dynamics, tables of dimensionless numbers, and tables of the properties of gases and vapors. Each chapter introduces a different fluid

Introduction to Fluid Mechanics, Sixth Edition William S. Janna 2020-04-20 Introduction to Fluid Mechanics, Sixth Edition, is intended to be used in a first course in Fluid Mechanics, taken by a range of engineering majors. The text begins with dimensions, units, and fluid properties, and continues with derivations of key equations used in the control-volume approach. Step-by-step examples focus on everyday situations, and applications. These include flow with friction through pipes and tubes, flow past various two and three dimensional objects, open channel flow, compressible flow, turbomachinery and experimental methods. Design projects give readers a sense of what they will encounter in industry. A solutions manual and figure slides are available for instructors.

**Fluid Mechanics** Pijush K. Kundu 2012 Fluid mechanics, the study of how fluids behave and interact under various forces and in various applied situations-whether in the liquid or gaseous state or both-is introduced and comprehensively covered in this widely adopted text. Revised and updated by Dr. David Dowling, Fluid Mechanics, Fifth Edition is suitable for both a first or second course in fluid mechanics at the graduate or advanced undergraduate level. The leading advanced general text on fluid mechanics, Fluid Mechanics, 5e includes a free copy of the DVD "Multimedia Fluid

Mechanics," second edition. With the inclusion of the DVD, students can gain additional insight about fluid flows through nearly 1,000 fluids video clips, can conduct flow simulations in any of more than 20 virtual labs and simulations, and can view dozens of other new interactive demonstrations and animations, thereby enhancing their fluid mechanics learning experience. Text has been reorganized to provide a better flow from topic to topic and to consolidate portions that belong together. Changes made to the book's pedagogy accommodate the needs of students who have completed minimal prior study of fluid mechanics. More than 200 new or revised end-of-chapter problems illustrate fluid mechanical principles and draw on phenomena that can be observed in everyday life. Includes free Multimedia Fluid Mechanics 2e DVD

**Munson, Young and Okiishi's Fundamentals of Fluid Mechanics** Philip M. Gerhart 2020-12-03 Original edition: Munson, Young, and Okiishi in 1990.  
Mechanical Engineering News 1985

Engineering Fluid Mechanics Donald F. Elger 2020-07-08 Engineering Fluid Mechanics guides students from theory to application, emphasizing critical thinking, problem solving, estimation, and other vital engineering skills. Clear, accessible writing puts the focus on essential concepts, while abundant illustrations, charts, diagrams, and examples illustrate complex topics and highlight the physical reality of fluid dynamics applications. Over 1,000 chapter problems provide the "deliberate practice"-with feedback-that leads to material mastery, and discussion of real-world applications provides a frame of reference that enhances student comprehension. The study of fluid mechanics pulls from chemistry, physics, statics, and calculus to

describe the behavior of liquid matter; as a strong foundation in these concepts is essential across a variety of engineering fields, this text likewise pulls from civil engineering, mechanical engineering, chemical engineering, and more to provide a broadly relevant, immediately practicable knowledge base. Written by a team of educators who are also practicing engineers, this book merges effective pedagogy with professional perspective to help today's students become tomorrow's skillful engineers.

**Schaum's Outline of Fluid Mechanics** Merle Potter

2007-12-31 Study faster, learn better--and get top grades with Schaum's Outlines Millions of students trust Schaum's Outlines to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. Use Schaum's Outlines to: Brush up before tests Find answers fast Study quickly and more effectively Get the big picture without spending hours poring over lengthy textbooks Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time--and get your best test scores! This Schaum's Outline gives you: A concise guide to the standard college course in fluid dynamics 480 problems with answers or worked-out solutions Practice problems in multiple-choice format like those on the Fundamentals of Engineering Exam

**Foundations of Materials Science and Engineering** William F. Smith 2011 Smith/Hashemi's Foundations of Materials Science and Engineering, 5/e provides an eminently

readable and understandable overview of engineering materials for undergraduate students. This edition offers a fully revised chemistry chapter and a new chapter on biomaterials as well as a new taxonomy for homework problems that will help students and instructors gauge and set goals for student learning. Through concise explanations, numerous worked-out examples, a wealth of illustrations & photos, and a brand new set of online resources, the new edition provides the most student-friendly introduction to the science & engineering of materials. The extensive media package available with the text provides Virtual Labs, tutorials, and animations, as well as image files, case studies, FE Exam review questions, and a solutions manual and lecture PowerPoint files for instructors.

**Solid State Chemistry and Its Applications** Anthony R. West 1991-01-08 The first broad account offering a non-mathematical, unified treatment of solid state chemistry. Describes synthetic methods, X-ray diffraction, principles of inorganic crystal structures, crystal chemistry and bonding in solids; phase diagrams of 1, 2 and 3 component systems; the electrical, magnetic, and optical properties of solids; three groups of industrially important inorganic solids--glass, cement, and refractories; and certain aspects of organic solid state chemistry, including the ``organic metal'' of new materials.

**Fox and McDonald's Introduction to Fluid Mechanics**

Robert W. Fox 2020-06-30 Through ten editions, Fox and McDonald's Introduction to Fluid Mechanics has helped students understand the physical concepts, basic principles, and analysis methods of fluid mechanics. This market-leading textbook provides a balanced, systematic approach to mastering critical concepts with

the proven Fox-McDonald solution methodology. In-depth yet accessible chapters present governing equations, clearly state assumptions, and relate mathematical results to corresponding physical behavior. Emphasis is placed on the use of control volumes to support a practical, theoretically-inclusive problem-solving approach to the subject. Each comprehensive chapter includes numerous, easy-to-follow examples that illustrate good solution technique and explain challenging points. A broad range of carefully selected topics describe how to apply the governing equations to various problems, and explain physical concepts to enable students to model real-world fluid flow situations. Topics include flow measurement, dimensional analysis and similitude, flow in pipes, ducts, and open channels, fluid machinery, and more. To enhance student learning, the book incorporates numerous pedagogical features including chapter summaries and learning objectives, end-of-chapter problems, useful equations, and design and open-ended problems that encourage students to apply fluid mechanics principles to the design of devices and systems.

*Introduction to Fluid Mechanics* Edward J. Shaughnessy 2005 This is an introductory fluid mechanics text, intended for the first Fluid Mechanics course required of all engineers. The goal of this book is to modernise the teaching of fluid mechanics by encouraging students to visualise and simulate flow processes. The book also introduces students to the capabilities of computational fluid dynamics (CFD) techniques, the most important new approach to the study of fluids. Fluid mechanics is traditionally one of the most difficult topics in the curriculum for ME students: this text aims to overcome those learning difficulties through visualisation of the

key concepts. Contents: 1. Fundamental Concepts 1.1 Introduction 1.2 Gases, Liquids and Solids 1.3 Methods of Description 1.4 Dimensions and Unit Systems 1.5 Problem Solving 2. Fluid Properties 2.1 Introduction 2.2 Mass, Weight and Density 2.3 Pressure 2.4 Temperature and Other Thermal Properties 2.5 The Perfect Gas Law 2.6 Bulk Compressibility Modules 2.7 Viscosity 2.8 Surface Tension 2.9 Fluid Energy 3. Case Studies in Fluid Mechanics 3.1 Introduction 3.2 Common Dimensionless Groups 3.3 Case Studies 4. Fluid Forces 4.1 Introduction 4.2 Classification of Fluid Forces 4.3 The Origins of Body and Surface Forces 4.4 Body Forces 4.5 Surface Forces 4.6 Stress in a Fluid 4.7 Forces Balance in a Fluid 5. Fluid Statics 5.1 Introduction 5.2 Hydrostatic Stress 5.3 Hydrostatic Equation 5.4 Hydrostatic Pressure Distribution 5.5 Hydrostatic Force 5.6 Hydrostatic Moment 5.7 Resultant Force and Point of Application 5.8 Buoyancy and Archimedes 5.9 Equilibrium and Stability of Immersed Bodies 6. The Velocity Field and Fluid Transport 6.1 Introduction 6.2 The Fluid Velocity Field 6.3 Fluid Acceleration 6.4 The Substantial Derivative 6.5 Classification of Flows 6.6 No-Slip, No-Penetration Boundary Condition 6.7 Fluid Transport 6.8 Average Velocity and Flowrate 7. Control Volume Analysis 7.1 Introduction 7.2 Basic Concepts: System and Control Volume 7.3 System and Control Volume Analysis 7.4 Reynolds Transport Theorem for a System 7.5 Reynolds Transport Theorem for a Control Volume 7.6 Control Volume Analysis 8. Flow of an Inviscid Fluid: The Bernoulli Equation 8.1 Introduction 8.2 Friction Flow along a Streamline 8.3 Bernoulli Equation 8.4 Static, Dynamic, Stagnation and Total Pressure 8.5 Applications of the Bernoulli Equation 8.6 Relationship to the Energy Equation 9. Dimensional Analysis and Similitude 9.1

Introduction 9.2 Buckingham PI Theorem 9.3 Repeating Variables Method 9.4 Similitude and Model Development 9.5 Correlation of Experimental Data 9.6 Application to Case Studies 10. Elements of Flow Visualisation and Flow Structure 10.1 Introduction 10.2 Lagrangian Kinematics 10.3 The Eulerian-Lagrangian Connection 10.4 Material Lines, Surfaces and Volumes 10.5 Pathlines and Streaklines 10.6 Streamlines and Streamtubes 10.7 Motion and Deformation 10.8 Velocity 10.9 Rate of Rotation 10.10 Rate of Expansion 10.11 Rate of Shear Deformation 11. Governing Equations of Fluid Dynamics 11.1 Introduction 11.2 Continuity Equation 11.3 Momentum Equation 11.4 Constitutive Model for a Newtonian Fluid 11.5 Navier-Stokes Equations 11.6 Euler Equations 11.7 Energy Equation 11.8 Discussion 12. Analysis of Incompressible Flow 12.1 Introduction 12.2 Steady Viscous Flow 12.3 Unsteady Viscous Flow 12.4 Turbulent 12.5 Inviscid Irrotational Flow 13. Flow in Pipes and Ducts 13.1 Introduction 13.2 Steady Fully Developed Flow in a Pipe or Duct 13.3 Analysis of Flow in Single Path Pipe and Duct Systems 13.4 Analysis of Flow in Multiple Path Pipe and Duct Systems 13.5 Elements of Pipe and Duct Systems Design 14. External Flow 14.1 Introduction 14.2 Boundary Layers: Basic Concepts 14.3 Drag: Basic Concepts 14.4 Drag Coefficients 14.5 Lift and Drag of Airfoils 15. Open Channel Flow 15.1 Introduction 15.2 Basic Concepts in Open Channel Flow 15.3 The Importance of the Froude Number 15.4 Energy Conservation in Open Channel Flow 15.5 Flow in a Channel with Uniform Depth 15.6 Flow in a Channel with Gradually-Varying Depth 15.7 Flow Under a Sluice Gate 15.8 Flow over a Weir

**Computational Fluid Mechanics and Heat Transfer, Second Edition** Richard H. Pletcher 1997-04-01 This comprehensive text provides basic fundamentals of

computational theory and computational methods. The book is divided into two parts. The first part covers material fundamental to the understanding and application of finite-difference methods. The second part illustrates the use of such methods in solving different types of complex problems encountered in fluid mechanics and heat transfer. The book is replete with worked examples and problems provided at the end of each chapter.

**Fluid Mechanics, Heat Transfer, and Mass Transfer** K. S. Raju 2011-04-20 This broad-based book covers the three major areas of Chemical Engineering. Most of the books in the market involve one of the individual areas, namely, Fluid Mechanics, Heat Transfer or Mass Transfer, rather than all the three. This book presents this material in a single source. This avoids the user having to refer to a number of books to obtain information. Most published books covering all the three areas in a single source emphasize theory rather than practical issues. This book is written with emphasis on practice with brief theoretical concepts in the form of questions and answers, not adopting stereo-typed question-answer approach practiced in certain books in the market, bridging the two areas of theory and practice with respect to the core areas of chemical engineering. Most parts of the book are easily understandable by those who are not experts in the field. Fluid Mechanics chapters include basics on non-Newtonian systems which, for instance find importance in polymer and food processing, flow through piping, flow measurement, pumps, mixing technology and fluidization and two phase flow. For example it covers types of pumps and valves, membranes and areas of their use, different equipment commonly used in chemical industry and their merits and

drawbacks. Heat Transfer chapters cover the basics involved in conduction, convection and radiation, with emphasis on insulation, heat exchangers, evaporators, condensers, reboilers and fired heaters. Design methods, performance, operational issues and maintenance problems are highlighted. Topics such as heat pipes, heat pumps, heat tracing, steam traps, refrigeration, cooling of electronic devices, NO<sub>x</sub> control find place in the book. Mass transfer chapters cover basics such as diffusion, theories, analogies, mass transfer coefficients and mass transfer with chemical reaction, equipment such as tray and packed columns, column internals including structural packings, design, operational and installation issues, drums and separators are discussed in good detail. Absorption, distillation, extraction and leaching with applications and design methods, including emerging practices involving Divided Wall and Petluk column arrangements, multicomponent separations, supercritical solvent extraction find place in the book.

*Fluid Mechanics* Frank M. White 2020-12

**Loose Leaf for Fluid Mechanics** Frank White 2015-01-29

**Fundamentals of Fluid Mechanics** Bruce Roy Munson 1999

**A History and Philosophy of Fluid Mechanics** G. A. Tokaty 2013-02-20 Summary and general methods of constructing static and dynamic equations, dealing with the laws of mechanics for heated elastic solids, forms of aerodynamic operators, structural operators, much more. 1962 edition.

**Introduction to Fluid Mechanics** William S. Janna 1993 This book provides readers with an understanding of the theory, concepts and applications of fluid mechanics.

**Numerical Heat Transfer and Fluid Flow** Suhas Patankar 2018-10-08 This book focuses on heat and mass transfer, fluid flow, chemical reaction, and other related

processes that occur in engineering equipment, the natural environment, and living organisms. Using simple algebra and elementary calculus, the author develops numerical methods for predicting these processes mainly based on physical considerations. Through this approach, readers will develop a deeper understanding of the underlying physical aspects of heat transfer and fluid flow as well as improve their ability to analyze and interpret computed results.

*Introductory Incompressible Fluid Mechanics* Frank H. Berkshire 2021-11-30 This textbook gives a comprehensive, accessible introduction to the mathematics of incompressible fluid mechanics and its many applications.

**Engineering Fluid Mechanics Solution Manual Books in Print** 1995

Fluid Mechanics Yunus A. Çengel 2006 Covers the basic principles and equations of fluid mechanics in the context of several real-world engineering examples. This book helps students develop an intuitive understanding of fluid mechanics by emphasizing the physics, and by supplying figures, numerous photographs and visual aids to reinforce the physics.

**Fluid Mechanics** Frank M. White 1999 Given a modern, updated design, this new edition comes complete with 500 new problems, split into different fundamental, applied, design and word categories. Additional material includes pedagogical and motivational aids in the form of Key Equations Cards.

Heat and Mass Transfer Frank M. White 1988 This book is a revision and extension of Frank White's Heat Transfer. The new text adds the topic of mass transfer and improves the original topics based on new literature and faculty suggestions. A highlight of the book is the

addition of 22 new Special Design Projects covering conduction, free and forced convection, radiation, condensation, boiling, and heat exchangers. Numerous examples and problems have been added to the text to make it an improved learning tool.

*Mass and Heat Transfer* T. W. Fraser Russell 2008-02-11 This text allows instructors to teach a course on heat and mass transfer that will equip students with the pragmatic, applied skills required by the modern chemical industry. This new approach is a combined presentation of heat and mass transfer, maintaining mathematical rigor while keeping mathematical analysis to a minimum. This allows students to develop a strong conceptual understanding, and teaches them how to become proficient in engineering analysis of mass contactors and heat exchangers and the transport theory used as a basis for determining how critical coefficients depend upon physical properties and fluid motions. Students will first study the engineering analysis and design of equipment important in experiments and for the processing of material at the commercial scale. The second part of the book presents the fundamentals of transport phenomena relevant to these applications. A complete teaching package includes a comprehensive instructor's guide, exercises, case studies, and project assignments.

**Machine Design** Robert L. Norton 2019-08-31 For courses in Machine Design. An integrated, case-based approach to machine design *Machine Design: An Integrated Approach*, 6th Edition presents machine design in an up-to-date and thorough manner with an emphasis on design. Author Robert Norton draws on his 50-plus years of experience in mechanical engineering design, both in industry and as a consultant, as well as 40 of those years as a

university instructor in mechanical engineering design. Written at a level aimed at junior-senior mechanical engineering students, the textbook emphasizes failure theory and analysis as well as the synthesis and design aspects of machine elements. Independent of any particular computer program, the book points out the commonality of the analytical approaches needed to design a wide variety of elements and emphasizes the use of computer-aided engineering as an approach to the design and analysis of these classes of problems. Also available with Mastering Engineering Mastering(tm) is the teaching and learning platform that empowers you to reach every student. By combining trusted author content with digital tools developed to engage students and emulate the office-hour experience, Mastering personalizes learning and often improves results for each student. Tutorial exercises and author-created tutorial videos walk students through how to solve a problem, consistent with the author's voice and approach from the book. Note: You are purchasing a standalone product; Mastering Engineering does not come packaged with this content. Students, if interested in purchasing this title with Mastering Engineering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and Mastering Engineering, search for: 0136606539/9780136606536 *Machine Design: An Integrated Approach Plus MasteringEngineering with Pearson eText -- Access Card Package 6/e* Package consists of: 0135166802/9780135166802 *MasteringEngineering with Pearson eText -- Access Card -- for Machine Design: An Integrated Approach, 6/e* 0135184231 / 9780135184233 *Machine Design: An Integrated Approach, 6/e*

