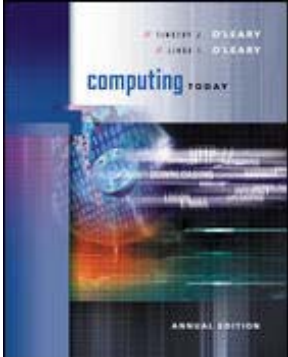


## **McGraw-Hill Higher Education New Product Listing: Computing, Engineering, Science and Psychology titles due for publication January - March 2005**

### **Computing**

**The McGraw-Hill Companies**



**ISBN:** 0071214992  
**Previous ISBN:** 007121920X  
**Edition:** 02  
**Binding:** SOFT BACK  
**Price:** £28.99  
**Euro Price:** 47.25  
**Pub Date:** January 2005  
**Subject Category:** Computer Science - Concepts

### **Computing Today** *by*

**Timothy O'Leary, Linda O'Leary**

#### **DESCRIPTION**

Computing Today was developed and written to stimulate student learning. Students will be actively engaged by its unique, visual orientation that includes numerous screen shots and steps on 'how to.' Additionally, various integrated exercises and activities allow for optimum reinforcement. The book includes a hands on case in chapters 12 to 15 called DVD-Direct that lets students see and apply concepts. Current topics and technology, such as a Personal Digital Assistant (PDA), are skilfully woven throughout the book to catch students' interest and motivate them. Computing Today offers students and instructors a great introduction to the world of IT and how it can be of benefit. When using software application lab manuals to complement the text, students are given a complete representation of the fundamental issues surrounding the personal computing environment.

#### **TABLE OF CONTENTS**

Chapter 1 Information Technology, The Internet & You Chapter 2 The Internet, the Web, and Electronic Commerce Chapter 3 Basic Application Software Chapter 4 Specialized Application Software Chapter 5 System Software Chapter 6 The System Unit Chapter 7 Input Chapter 8 Output Chapter 9 Secondary Storage Chapter 10 Communications & Networks Chapter 11 Privacy & Security Chapter 12 Information Systems Chapter 13 Databases Chapter 14 Systems Analysis & Design Chapter 15 Programs & Languages Chapter 16 Your Future and Information Technology Appendices: The Evolution of the Computer Age The Buyer's Guide: How to Buy Your Own Microcomputer System How to Upgrade Your Microcomputer System



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

## Engineering

The McGraw-Hill Companies

**ISBN:** 0071151346

**Edition:** 01

**Binding:** SOFT + CD

**Price:** £39.99

**Euro Price:** 59.59

**Pub Date:** February 2005

**Subject Category:** Electrical Engineering - Digital Electronics

### Digital Signal Processing: Signals, Systems and Filters with CD

by

**Andreas Antoniou**

#### DESCRIPTION

Long regarded as the bible of digital filter design and analysis and the place to find the easiest, most efficient and most robust solution for the filtering application at hand, this enduring classic on digital filters has been thoroughly restructured and expanded into a state-of-the-art encyclopaedic volume on digital signal processing. The new edition starts with the very basics of signal analysis and spectral representation; it then moves on to the fundamentals of discrete-time system theory; and in due course it tackles digital-filter design, the hallmark of the previous editions. A new appendix provides all the necessary maths for the student who has not had the chance to learn it, and it is just as handy as a reference for the student who has done so. Owing to its rather extensive coverage, the textbook is suitable for junior/senior as well as graduate level courses, as well as for self-study. Like its predecessors, the new book deals with the principles involved in an easy style. Theories, techniques, methods and algorithms are supported by numerous examples and MATLAB illustrations. A software package being developed will help the student to perform experiments and enable the professional engineer to design state-of-the-art digital filters.

#### TABLE OF CONTENTS

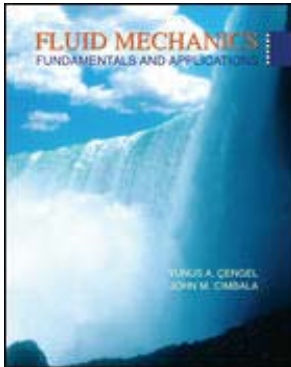
- 1 Introduction to Digital Signal Processing
- 2 The Fourier Series and Transform
- 3 The z Transform
- 4 Discrete-Time Systems
- 5 Application of z Transform to Discrete-Time Systems
- 6 The Sampling Process
- 7 The Discrete Fourier Transform
- 8 Design of DSP Systems
- 9 Design of Nonrecursive (FIR) Filters
- 10 Analog-Filter Approximations
- 11 Design of Recursive (IIR) Filters
- 12 Design of Recursive Filters Satisfying Prescribed Specifications
- 13 Random Signals
- 14 Finite Wordlength Effects
- 15 Design of Nonrecursive Filters Using Optimization
- 16 Design of Recursive Filters Using Optimization
- 17 Realization of Wave Digital Filters
- 18 DSP Applications
- Appendix A: Complex Analysis
- Appendix B: Elliptic Functions



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071115668  
**Edition:** 01  
**Binding:** SOFT BACK  
**Price:** £43.99  
**Euro Price:** 65.55  
**Pub Date:** January 2005  
**Subject Category:** Mechanical Engineering - Thermodynamics

## Fluid Mechanics: Fundamentals and Applications *by*

**Yunus Cengel, John Cimbala**

### DESCRIPTION

This book communicates directly with tomorrow's engineers in a simple yet precise manner. The text covers the basic principles and equations of fluid mechanics in the context of numerous and diverse real-world engineering examples. It helps students develop an intuitive understanding of fluid mechanics by emphasizing the physics, and by supplying attractive figures, many photographs and visual aids to reinforce the physics.

### TABLE OF CONTENTS

- 1 Introduction and Basic Concepts
- 2 Properties of Fluids
- 3 Pressure and Fluid Statics
- 4 Fluid Kinematics
- 5 Bernoulli and Energy Equations
- 6 Momentum Analysis of Flow Systems
- 7 Dimensional Analysis and Modeling
- 8 Flow in Pipes
- 9 Differential Analysis of Fluid Flow
- 10 Approximate Solutions of the Navier-Stokes Equation
- 11 Flow Over Bodies: Drag and Lift
- 12 Compressible Flow
- 13 Open-Channel Flow
- 14 Turbomachinery
- 15 Introduction to Computational Fluid Dynamics
- Appendix 1 Property Tables and Charts (SI Units)
- Appendix 2 Property Tables and Charts (English Units)



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071115838  
**Previous ISBN:** 0071199624  
**Edition:** 03  
**Binding:** SOFT BACK  
**Price:** £43.99  
**Euro Price:** 65.55  
**Pub Date:** January 2005  
**Subject Category:** Electrical Engineering - Digital Communications

## **TCP/IP Protocol Suite**

*by*

**Behrouz Forouzan**

### **DESCRIPTION**

Networking technologies have become an integral part of everyday life, which has led to a dramatic increase in the number of professions where it is important to understand network technologies. This book teaches students and professionals with no prior knowledge of TCP/IP everything they need to know about the subject. It uses hundreds of figures to make technical concepts easy to grasp, as well as many examples, which help tie the material to the real-world. The second edition has been fully updated to include all the recent technology changes in the field. Many new chapters have been added such as one on Mobile IP, Multimedia and Internet, Network Security, and IP over ATM. Additionally, out-of-date material has been overhauled to reflect recent changes in technology.

### **TABLE OF CONTENTS**

1 Introduction 2 The OSI Model and the TCP/IP Protocol Suite 3 Underlying Technologies 4 IP Addresses: Classful Addressing 5 Subnetting/Supernetting and Classless Addressing 6 Delivery and Routing of IP Packets 7 ARP and RARP 8 Internet Protocol (IP) 9 Internet Control Message Protocol (ICMP) 10 Internet Group Management Protocol (IGMP) 11 User Datagram Protocol (UDP) 12 Transmission Control Protocol (TCP) 13 Unicast Routing Protocols (RIP, OSPF, and BGP) 14 Multicasting Routing Protocols 15 Application Layer and Client-Server Model 16 Socket Interface 17 BOOTP and DHCP 18 Domain Name System (DNS) 19 TELNET and Rlogin 20 File Transfer Protocol (FTP) 21 Trivial File Transfer Protocol (TFTP) 22 Simple Mail Transfer Protocol (SMTP) 23 Simple Network Management Protocol (SNMP) 24 Hypertext Transfer Protocol (HTTP) 25 World Wide Web 26 IP over ATM 27 Mobile IP 28 Real-Time Traffic over the Internet 29 Internet Security 30 Private Networks 31 Next Generation: IPv6 and ICMPv6 Appendix A ASCII Code Appendix B Numbering Systems and Transformation Appendix C Checksum Calculation Appendix D Error Detection Appendix E Encryption Methods Appendix F Project 802 Appendix G Contact Addresses Appendix H RFCs Appendix I UDP and TCP Ports Glossary References Index



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071116273  
**Edition:** 01  
**Binding:** SOFT BACK  
**Price:** £38.99  
**Euro Price:** 58.10  
**Pub Date:** February 2005  
**Subject Category:** Electrical Engineering - Semiconductors

## **Semiconductor Device Fundamentals**

*by*

**Donald Neamen**

### **DESCRIPTION**

This book provides an understanding of the characteristics, operations and limitations of semiconductor devices by bringing together the fundamental physics of the semiconductor material and the semiconductor device physics, giving an accessible and modern presentation of material. Quantum mechanic material is minimal, and the most advanced material is designated with an icon. This modern approach means that coverage of the MOS transistor precedes the material on the bipolar transistor, which reflects the dominance of MOS technology in today's world. Excellent pedagogy is present throughout the book in the form of interesting chapter openers, worked examples, a variety of exercises, key terms, and end of chapter problems.

### **TABLE OF CONTENTS**

CHAPTER 1 The Crystal Structure of Solids  
CHAPTER 2 Theory of Solids  
CHAPTER 3 The Semiconductor in Equilibrium  
CHAPTER 4 Carrier Transport Phenomena  
CHAPTER 5 The pn Junction  
CHAPTER 6 Fundamentals of the MOS Transistor  
CHAPTER 7 The MOSFET: Additional Concepts  
CHAPTER 8 Nonequilibrium Excess Carriers in Semiconductors  
CHAPTER 9 The pn Junction Diode  
CHAPTER 10 The Bipolar Transistor  
CHAPTER 11 Additional Semiconductor Devices and Device Concepts  
CHAPTER 12 Optical Devices  
Appendix A Selected List of Symbols  
Appendix B System of Units, Conversion Factors, and General Constants  
Appendix C The Periodic Table  
Appendix D "Derivation" of Schrodinger's Wave Equation  
Appendix E Units of Energy-The Electron-Volt  
Appendix F Derivation of Density of States Function  
Appendix G Derivation of Shockley-Read-Hall Recombination Rates  
Appendix H Answers to Selected Problems



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071131078  
**Edition:** 01  
**Binding:** Soft Back  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** March 2005  
**Subject Category:** Civil Engineering - Structures

## **Behavior and LRFD of Steel Structures**

*by*

**Ramulu Vinnakota**

### **DESCRIPTION**

This book stresses both the design of steel structures (as do the competing texts) and the behaviour of steel under specific conditions. The most recent editions of the American Institute of Steel Construction's Load and Resistance Factor Design Specifications (3e, 1999) and the LRFD Manual (3e, 2001) are used and extensively referenced in this text, and these documents are based on the behaviour of steel. Therefore covering the interaction of design and behaviour in one textbook is a unique approach. Designers must understand structural behaviour as an integral part of the design process, and chapters 1 to 5 thoroughly cover this material. As the author notes, "The heart and soul of design are the ability to conceive a structure that will behave as desired, and intuition regarding different framing options." The other chapters cover the elements that makeup a steel building structure: members and connections. In each chapter, discussion of theory and behaviour of the member under various combinations of loads it must resist is followed by a discussion of design applications. Throughout the text, a web icon references readers to the book's website (<http://www.mhhe.com/vinnakota>), which contains extensive additional coverage of advanced topics.

### **TABLE OF CONTENTS**

CHAPTER 1: Introduction  
CHAPTER 2: Steels  
CHAPTER 3: Structures  
CHAPTER 4: Design Loads and Design Philosophy  
CHAPTER 5: Analysis Methods  
CHAPTER 6: Connectors  
CHAPTER 7: Tension Members  
CHAPTER 8: Axially Loaded Columns  
CHAPTER 9: Adequately Braced Compact Beams  
CHAPTER 10: Unbraced Beams  
CHAPTER 11: Beam-Columns  
CHAPTER 12: Joints and Connecting Elements  
CHAPTER 13: Connections



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

## Science

**The McGraw-Hill Companies**

**ISBN:** 0071115358  
**Previous ISBN:** 0071218645  
**Edition:** 05  
**Binding:** Soft Back  
**Price:** £36.99  
**Euro Price:** 55.12  
**Pub Date:** March 2005  
**Subject Category:** Chemistry - General Chemistry

### **Chemistry in Context** with OLC Bi-Card *by*

**American Chemical Society**

#### **DESCRIPTION**

Following in the tradition of the first four editions, the goal of this market leading textbook is to establish chemical principles on a need-to-know basis within a contextual framework of significant social, political, economic and ethical issues. The non-traditional approach of the book reflects today's technological issues and the chemistry principles embedded within them. Global warming, alternative fuels, nutrition and genetic engineering are examples of issues that are covered.

#### **TABLE OF CONTENTS**

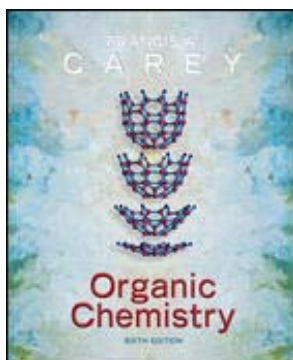
The Air We Breathe  
Protecting the Ozone Layer  
The Chemistry of Global Warming  
Energy, Chemistry, and Society  
The Water We Drink  
Neutralizing the Threat of Acid Rain  
The Fires of Nuclear Fission  
Energy from Electron Transfer  
The World of Plastics and Polymers  
Manipulating Molecules and Designing Drugs  
Nutrition: Food for Thought  
Genetic Engineering and the Chemistry of Heredity  
Measure for Measure: Conversion Factors and Constants  
The Power of Exponents  
Clearing the Logjam  
Answers to Your Turn Questions Not Answered in the Text  
Answers to Selected End-of-Chapter Questions



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071115633  
**Previous ISBN:** 0071151494  
**Edition:** 06  
**Binding:** SOFT + CD  
**Price:** £42.99  
**Euro Price:** 64.06  
**Pub Date:** January 2005  
**Subject Category:** Chemistry - Organic Chemistry

**Organic Chemistry** with OLC and Learning by Modeling CD-ROM  
*by*

**Francis Carey**

**DESCRIPTION**

Through its six editions, this book has been designed to meet the needs of the mainstream, two-semester, undergraduate organic chemistry course. It gives students a solid understanding of organic chemistry by stressing how fundamental reaction mechanisms work and how reactions occur. With the addition of handwritten solutions, new cutting-edge molecular illustrations, updated spectroscopy coverage, seamless integration of molecular modeling exercises, and state-of-the-art multimedia tools, the latest edition clearly offers the most up-to-date approach to the study of organic chemistry.

**TABLE OF CONTENTS**

1 Structure Determines Properties. 2 Hydrocarbon Frameworks, Alkanes. 3 Conformations of Alkanes and Cycloalkanes. 4 Alcohols and Alkyl Halides. 5 Structure and Preparation of Alkenes: Elimination Reactions. 6 Reactions of Alkenes: Addition Reactions. 7 Stereochemistry. 8 Nucleophilic Substitution. 9 Alkynes. 10 Conjugation in Alkadienes and Allylic Systems. 11 Arenes and Aromaticity. 12 Reactions of Arenes: Electrophilic Aromatic Substitution. 13 Spectroscopy. 14 Organometallic Compounds. 15 Alcohols, Diols, and Thiols. 16 Ethers, Epoxides, and Sulfides. 17 Aldehydes and Ketones: Nucleophilic Addition to the Carbonyl Group. 18 Enols and Enolates. 19 Carboxylic Acids. 20 Carboxylic Acid Derivatives: Nucleophilic Acyl Substitution. 21 Ester Enolates. 22 Amines. 23 Aryl Halides. 24 Phenols. 25 Carbohydrates. 26 Lipids. 27 Amino Acids, Peptides, and Proteins. 28 Nucleosides, Nucleotides, and Nucleic Acids. 29 Synthetic Polymers. Appendix 1 Physical Properties. Appendix 2 Answers to In-Text Problems.



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071115684  
**Previous ISBN:** 0071218653  
**Edition:** 04  
**Binding:** SOFT BACK  
**Price:** £34.99  
**Euro Price:** 52.14  
**Pub Date:** February 2005  
**Subject Category:** Chemistry - General Chemistry

## **General Chemistry with OLC Password Card** *by*

**Raymond Chang**

### **DESCRIPTION**

The fourth edition of this book continues the tradition of presenting only the material that is essential for a one-year general chemistry course. As before, the text includes all the core topics that are necessary for a solid foundation in general chemistry without sacrificing depth, clarity or rigour. The fourth edition features new macro to micro art, 11 new animations correlated to the text, and the addition of hand sketched worked examples that are unique to Dr. Chang's texts. The book is 200 to 300 pages shorter than traditional two-semester textbooks and is much less expensive. Dr. Chang's concise but thorough approach will appeal to efficiency-minded instructors and will please value-conscious students.

### **TABLE OF CONTENTS**

- 1 Introduction
- 2 Atoms, Molecules, and Ions
- 3 Stoichiometry
- 4 Reactions in Aqueous Solutions
- 5 Gases
- 6 Energy Relationships in Chemical Reactions
- 7 The Electronic Structure of Atoms
- 8 The Periodic Table
- 9 Chemical Bonding I: The Covalent Bond
- 10 Chemical Bonding II: Molecular Geometry and Hybridization of Atomic Orbitals
- 11 Introduction to Organic Chemistry
- 12 Intermolecular Forces and Liquids and Solids
- 13 Physical Properties of Solutions
- 14 Chemical Kinetics
- 15 Chemical Equilibrium
- 16 Acids and Bases
- 17 Acid-Base Equilibria and Solubility Equilibria
- 18 Thermodynamics
- 19 Redox Reactions and Electrochemistry
- 20 The Chemistry of Coordination Compounds
- 21 Nuclear Chemistry
- 22 Organic Polymers: Synthetic and Natural
- Appendix 1 Units for the Gas Constant
- Appendix 2 Selected Thermodynamic Data at 1 atm and 25 degrees Centigrade
- Appendix 3 Mathematical Operations
- Appendix 4 The Elements and the Derivation of Their Names and Symbols



**Education**

The McGraw-Hill Companies

**ISBN:** 0071115730  
**Edition:** 01  
**Binding:** SOFT BACK  
**Price:** £40.99  
**Euro Price:** 61.08  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Microbiology

**Microbiology: An Organ Systems Approach with OLC Bind-In Card**  
by

**Marjorie Cowan, Kathleen Talaro**

**DESCRIPTION**

Up-to-date and extensively reviewed, *Microbiology* is written with the non-major/allied health student in mind. Offering both an engaging writing style through the use of case studies and analogies and a vivid art program, the text thoroughly explains difficult microbiology concepts in an accessible manner. Utilizing an organ systems approach, the unique in-chapter organization of the disease/clinical chapters gives students a realistic viewpoint of the clinical experiences they will encounter in the future.

**TABLE OF CONTENTS**

- 1 The Main Themes of Microbiology
- 2 From Atoms to Cells: A Chemical Connection
- 3 Tools of the Laboratory: The Methods for Studying Microorganisms
- 4 Prokaryotic Profiles: The Bacteria and Archaea
- 5 Eucaryotic Cells and Microorganisms
- 6 An Introduction to the Viruses
- 7 Elements of Microbial Nutrition, Ecology, and Growth
- 8 Microbial Metabolism: The Chemical Crossroads of Life
- 9 Microbial Genetics
- 10 Genetic Engineering: A Revolution in Molecular Biology
- 11 Physical and Chemical Control of Microbes
- 12 Drugs, Microbes, Host - The Elements of Chemotherapy
- 13 Microbe-Human Interactions: Infection and Disease
- 14 Nonspecific Host Defenses
- 15 Specific Immunity and Immunization
- 16 Disorders in Immunity
- 17 Diagnosing Infections
- 18 Infectious Diseases Affecting the Skin and Eyes
- 19 Infectious Diseases Affecting the Nervous System
- 20 Infectious Diseases Affecting the Cardiovascular and Lymphatic Systems
- 21 Infectious Diseases Affecting the Respiratory System
- 22 Infectious Diseases Affecting the Gastrointestinal Tract
- 23 Infectious Diseases Affecting the Genitourinary System
- 24 Environmental and Applied Microbiology
- Appendix A Answers to Multiple-Choice Questions and Selected Matching



**Education**

**The McGraw-Hill Companies**

**ISBN:** 0071115757  
**Previous ISBN:** 0071214496  
**Edition:** 03  
**Binding:** SOFT BACK  
**Price:** £39.99  
**Euro Price:** 59.59  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Environmental Science

**Principles of Environmental Science with OLC Password Card**  
*by*

**William Cunningham, Mary Ann Cunningham**

**DESCRIPTION**

This book is intended for use in a one- or two-semester course in environmental science, human ecology, or environmental studies at the college or advanced placement high school level. Because most students who will use this book are freshman or sophomore non-science majors, the authors have tried to make the text readable and accessible without technical jargon or a presumption of prior science background. At the same time, enough data and depth are presented to make this book suitable for many upper-division classes and a valuable resource for students who will keep it in their personal libraries after their formal studies are completed. The goal of this book is to provide an up-to-date, introductory view of essential themes in environmental science along with emphasis on details and case studies that will help students process and retain the general principles.

**TABLE OF CONTENTS**

1 Understanding Our Environment  
2 Principles of Ecology: Matter, Energy, and Life  
3 Populations, Communities, and Species Interaction  
4 Human Populations  
5 Biomes and Biodiversity  
6 Environmental Conservation: Forests, Grasslands, Parks, and Nature Preserves  
7 Food and Agriculture  
8 Environmental Health and Toxicology  
9 Air: Climate and Pollution  
10 Water: Resources and Pollution  
11 Environmental Geology and Earth Resources  
12 Energy  
13 Solid and Hazardous Waste  
14 Sustainability and Human Development  
15 Environmental Science and Policy  
Appendixes  
1 Political Map  
2 Vegetation Map  
3 World Population Density Map  
4 Temperature Regions and Ocean Currents Map



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071117091  
**Previous ISBN:** 0071214542  
**Edition:** 10  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Environmental Science

**Environmental Science** with OLC Password Card  
*by*

**Eldon Enger, Bradley Smith**

**DESCRIPTION**

This full-colour, introductory environmental science text is known for being concise, conceptual and value-priced. The approach and reading level cover the basic concepts without overloading students with too much detail. The central theme throughout the text is interrelatedness. The authors identify major issues and give appropriate examples that illustrate the complex interactions that are characteristic of all environmental issues.

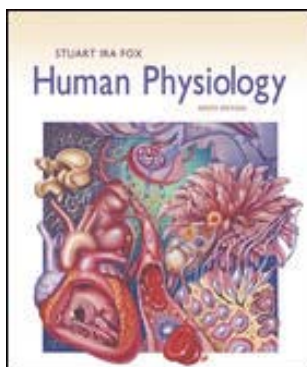
**TABLE OF CONTENTS**

1 Interrelatedness  
1 Environmental Interrelationships  
2 Environmental Ethics  
3 Risk and Cost: Elements of Decision Making  
2 Ecological Principles and Their Application  
4 Interrelated Scientific Principles: Matter, Energy, and Environment  
5 Interactions: Environments and Organisms  
6 Kinds of Ecosystems and Communities  
7 Population Principles  
8 Human Population Issues  
3 Energy  
9 Energy and Civilization: Patterns of Consumption  
10 Energy Sources  
11 Nuclear Energy: Benefits and Risks  
4 Human Influences on Ecosystems  
12 Human Impact on Resources and Ecosystems  
13 Land-Use Planning  
14 Soil and Its Uses  
15 Agricultural Methods and Pest Management  
16 Water Management  
5 Pollution and Policy  
17 Air Quality Issues  
18 Solid Waste Management and Disposal  
19 Regulating Hazardous Materials  
20 Environmental Policy and Decision Making  
Appendix 1 Critical Thinking  
Appendix 2 Metric Unit Conversion Tables  
Appendix 3 The Periodic Table of the Elements  
Appendix 4 What You Can Do to Make the World a Better Place in Which to Live  
Appendix 5 How to Write Your Elected Officials



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071115854  
**Previous ISBN:** 0071214585  
**Edition:** 09  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Human Physiology

## Human Physiology with OLC Bind-In Card *by*

**Stuart Fox**

### DESCRIPTION

This book is intended for the one-semester Human Physiology course often taken by allied health and other biology students. The beginning chapters introduce basic chemical and biological concepts to provide students with the framework they need to understand physiological principles. The chapters that follow promote conceptual understanding rather than rote memorization of facts. Health applications are included throughout to heighten interest, deepen understanding of physiological concepts, and help students relate the material to their individual career goals. Every effort has been made to help students integrate related concepts, and understand the relationships between anatomical structures and their functions.

### TABLE OF CONTENTS

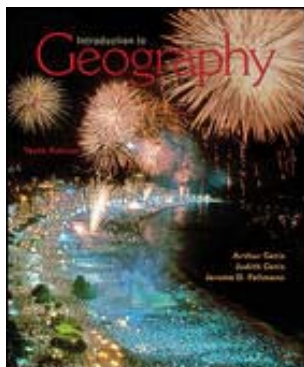
- 1 The Study of Body Function
  - 2 Chemical Composition of the Body
  - 3 Cell Structure and Genetic Control
  - 4 Enzymes and Energy
  - 5 Cell Respiration and Metabolism
  - 6 Interactions Between Cells and the Extracellular Environment
  - 7 The Nervous System: Neurons and Synapses
  - 8 The Central Nervous System
  - 9 The Autonomic Nervous System
  - 10 Sensory Physiology
  - 11 Endocrine Glands: Secretion and Action of Hormones
  - 12 Muscle: Mechanisms of Contraction and Neural Control
  - 13 Heart and Circulation
  - 14 Cardio Output, Blood Flow, and Blood Pressure
  - 15 the Immune System
  - 16 Respiratory Physiology
  - 17 Physiology of the Kidneys
  - 18 The Digestive System
  - 19 Regulation of Metabolism
  - 20 Reproduction
- Appendix A Solutions to Clinical Investigations  
Appendix B Answers to Test Your Knowledge of Terms and Facts Questions



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071115900

**Previous ISBN:**

**Edition:** 10

**Binding:** SOFT BACK

**Price:** £39.99

**Euro Price:** 59.59

**Pub Date:** February 2005

**Subject Category:** Geography - Introduction to Geography

## **Introduction to Geography** with OLC Password Card *by*

**Arthur Getis, Judith Getis, Jerome Fellmann**

### **DESCRIPTION**

This market-leading book introduces college students to the breadth and spatial insights of the field of geography. The authors' approach allows the major research traditions of geography to dictate the principal themes. Chapter 1 introduces students to the four organizing traditions that have emerged through the long history of geographical thought and writing: earth science, culture-environment, location, and area analysis. Each of the four parts of this book centres on one of these geographic perspectives.

### **TABLE OF CONTENTS**

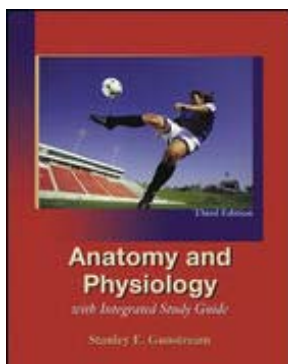
- 1 Introduction
- 2 Maps
- Part 1 The Earth Science Tradition
- 3 Physical Geography: Landforms
- 4 Physical Geography: Weather and Climate
- 5 The Geography of Natural Resources
- Part 2 The Culture-Environment Tradition
- 6 Population Geography
- 7 Cultural Geography
- 8 Spatial Interaction
- 9 Political Geography
- Part 3 The Locational Tradition
- 10 Economic Geography
- 11 Urban Geography
- 12 Human Impact on the Environment
- Part 4 The Area Analysis Tradition
- 13 The Regional Concept



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071117032  
**Edition:** 03  
**Binding:** SOFT BACK  
**Price:** £38.99  
**Euro Price:** 58.10  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Anatomy and Physiology

## **Anatomy and Physiology** with Integrated Study Guide *by*

**Stanley Gunstream**

### **DESCRIPTION**

Designed for an introductory, one-semester course, the scope, organization, writing style, depth of presentation and pedagogical aspects of this text have been tailored to meet the needs of students preparing for a career in allied health. This text does not assume any prior science knowledge on the part of the student and effectively presents students with the fundamentals of anatomy and physiology. It is the only one-semester text available with a built-in study guide/workbook.

### **TABLE OF CONTENTS**

Part 1 Organization of the Body  
1 Introduction to the Human Body  
2 Chemical Aspects of Life  
3 The Cell  
4 Tissues and Membranes  
Part 2 Covering, Support, and Movement of the Body  
5 The Integumentary System  
6 The Skeletal System  
7 The Muscular System  
Part 3 Integration and Control  
8 The Nervous System  
9 The Senses  
10 The Endocrine System  
Part 4 Maintenance of the Body  
11 Blood  
12 Heart and Blood Vessels  
13 The Lymphatic System and Defenses Against Disease  
14 The Respiratory System  
15 The Digestive System  
16 Urinary System  
Part 5 Reproduction  
17 The Reproductive Systems  
18 Pregnancy, Prenatal Development, and Genetics  
Part 6 Study Guides  
Appendix A Keys to Medical Terminology  
Appendix B Answers to Check Your Understanding Questions



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071115943  
**Previous ISBN:** 0071218564  
**Edition:** 13  
**Binding:** Soft Back  
**Price:** £42.99  
**Euro Price:** 64.06  
**Pub Date:** March 2005  
**Subject Category:** Bioscience - Zoology

## **Integrated Principles of Zoology with OLC Card** *by*

**Cleveland Hickman Jr**

### **DESCRIPTION**

This best-selling, comprehensive text is suitable for one- or two-semester courses. Integrated Principles of Zoology is considered the standard by which other texts are measured. It features high quality illustrations and photos, engaging narrative, traditional organization and comprehensive coverage.

### **TABLE OF CONTENTS**

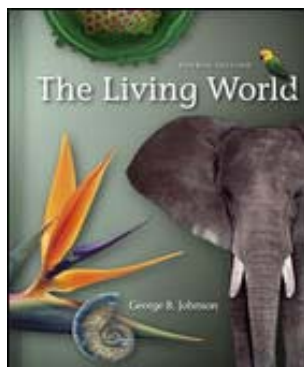
Part 1 Introduction to Living Animals 1 Life: Biological Principles and the Science of Zoology 2 Origin and Chemistry of Life 3 Cells as Units of Life 4 Cellular Metabolism Part 2 Continuity and Evolution of Animal Life 5 Genetics: A Review 6 Organic Evolution 7 The Reproductive Process 8 Principles of Development Part 3 Diversity of Animal Life 9 Architectural Pattern of an Animal 10 Classification and Phylogeny of Animals 11 Protozoan Groups 12 Mesozoa and Parazoa 13 Radiate Animals 14 Acoelomate Animals 15 Pseudocoelomate Animals 16 Molluscs 17 Segmented Worms 18 Arthropods 19 Aquatic Mandibulates 20 Terrestrial Mandibulates 21 Smaller Protostome Phyla 22 Echinoderms and Hemichordates 23 Chordates 24 Fishes 25 Early Tetrapods and Modern Amphibians 26 Amniote Origins and Reptilian Groups 27 Birds 28 Mammals Part 4 Activity of Life 29 Support, Protection, and Movement 30 Homeostasis 31 Internal Fluids and Respiration 32 Digestion and Nutrition 33 Nervous Coordination: Nervous System and Sense Organs 34 Chemical Coordination: Endocrine System 35 Immunity 36 Animal Behavior Part 5 The Animal and Its Environment 37 The Biosphere and Animal Distribution 38 Animal Ecology



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

The McGraw-Hill Companies



**ISBN:** 0071116028  
**Previous ISBN:** 0071218688  
**Edition:** 04  
**Binding:** SOFT BACK  
**Price:** £39.99  
**Euro Price:** 59.59  
**Pub Date:** February 2005  
**Subject Category:** Bioscience – Intro to Biology

## The Living World with OLC Card *by*

**George Johnson**

### DESCRIPTION

This non-majors textbook, a student favourite, has been written from the ground up to be an engaging and accessible learning tool with an emphasis on how things work and why things happen the way they do. It features a straightforward, clear writing style and a wide variety of media assets to enhance the content. The strength of the fourth edition is the integration of many tools that are designed to inspire both students and instructors. The multi-media package for the new edition stretches students beyond the confines of the traditional textbook to include high interest video clips and animations of key biological concepts.

### TABLE OF CONTENTS

Part One The Study of Life. 1 The Science of Biology. 2 Evolution and Ecology.  
Part Two The Living Cell. 3 The Chemistry of Life. 4 Cells. 5 Energy and Life. 6 How Cells Acquire Energy.  
Part Three The Continuity of Life. 7 How Cells Divide. 8 Foundations of Genetics. 9 How Genes Work.  
Part Four The New Biology. 10 Gene Technology. 11 Genomics. 12 The Revolution in Cell Technology.  
Part Five The Evolution and Diversity of Life. 13 Evolution and Natural Selection. 14 How We Name Living Things.  
15 The First Single-Celled Creatures. 16 Advent of the Eukaryotes. 17 Fungi Invade the Land.  
Part Six Plant Life. 18 Evolution of Plants. 19 Plant Form and Function. 20 Plant Reproduction and Growth.  
Part Seven Evolution of Animal Life. 21 Evolution of the Animal Phyla. 22 History of the Vertebrates. 23 How Humans Evolved.  
Part Eight Animal Life. 24 The Animal Body and How It Moves. 25 Circulation and Respiration. 26 The Path of Food Through the Animal Body. 27 How the Animal Body Defends Itself. 28 The Nervous System. 29 Chemical Signaling Within the Animal Body. 30 Reproduction and Development.  
Part Nine The Living Environment. 31 Ecosystems. 32 Populations and Communities. 33 Behavior and the Environment. 34 Planet Under Stress.



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071117210  
**Previous ISBN:** 0071218696  
**Edition:** 11  
**Binding:** SOFT BACK  
**Price:** £40.99  
**Euro Price:** 61.08  
**Pub Date:** January 2005  
**Subject Category:** Bioscience – Intro to Biology

## **Inquiry into Life with OLC Card** *by*

**Sylvia Mader**

### **DESCRIPTION**

From the unique delivery of biology content, to the time tested art program, to the complete integration of the text with technology, Dr. Sylvia Mader has formed a teaching system that will motivate your students and enable them to understand and appreciate the wonders of all areas of biology.

The book emphasizes the application of all areas of biology to knowledge of human concerns: namely, what the students are able to relate to. This distinctive text was developed to stand apart from all other non-majors texts with a unique approach, unparalleled art, and a straightforward, succinct writing style that has been acclaimed by both users and reviewers.

### **TABLE OF CONTENTS**

1 The Study of Life. I Cell Biology. 2 The Molecules of Cells. 3 Cell Structure and Function. 4 Membrane Structure and Function. 5 Cell Division. 6 Metabolism: Energy and Enzymes. 7 Cellular Respiration. II Plant Biology. 8 Photosynthesis. 9 Plant Organization and Function. 10 Plant Reproduction and Responses. III Maintenance of the Human Body. 11 Human Organization. 12 Cardiovascular System. 13 Lymphatic and Immune Systems. 14 Digestive System and Nutrition. 15 Respiratory System. 16 Urinary System and Excretion. IV Integration and Control of the Human Body. 17 Nervous System. 18 Senses. 19 Musculoskeletal System. 20 Endocrine System. V Continuance of the Species. 21 Reproductive System. 22 Development and Aging. 23 Patterns of Inheritance. 24 DNA Biology and Technology. 25 Control of Gene Expression and Cancer. 26 Genetic Counseling. VI Evolution and Diversity. 27 Evolution of Life. 28 Microbiology. 29 Plants. 30 Animals: Part I. 31 Animals: Part II. VII Behavior and Ecology. 32 Animal Behavior. 33 Population Growth and Regulation. 34 Nature of Ecosystems. 35 The Biosphere. 36 Environmental Concerns.



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071117229

**Edition:** 01

**Binding:** Soft Back

**Price:** £41.99

**Euro Price:** 62.57

**Pub Date:** March 2005

**Subject Category:** Bioscience – Anatomy and Physiology

**Human Anatomy** with OLC Card  
*by*

**Michael McKinley, Valerie O'Loughlin**

**DESCRIPTION**

From the most pedagogically sound organization to the exceptional art, to the complete integration of the text with embryology, the authors have formed a teaching system that will both motivate and enable students to understand and appreciate the wonders of human anatomy. This distinctive text was developed to stand apart from all other anatomy texts with an unrivalled, brilliantly rendered art program and a student friendly, accessible writing style that has been acclaimed by reviewers.

**TABLE OF CONTENTS**

Chapter 1 A First Look at Anatomy Chapter 2 The Cell: Basic Unit of Structure and Function Chapter 3 Embryology Chapter 4 The Tissue Level of Organization Chapter 5 Integumentary System  
SKELETAL SYSTEM  
Chapter 6 Cartilage and Bone Connective Tissue Chapter 7 Axial Skeleton Chapter 8 Appendicular Skeleton Chapter 9 Joints (Articulations)  
MUSCULAR SYSTEM  
Chapter 10 Muscle Tissue and Organization Chapter 11 Axial Musculature Chapter 12 Appendicular Musculature Chapter 13 Surface Anatomy  
NERVOUS SYSTEM  
Chapter 14 Nervous Tissue Chapter 15 Brain and Cranial Nerves Chapter 16 Spinal Cord and Spinal Nerves Chapter 17 Pathways and Tracts Chapter 18 Autonomic Division Chapter 19 Senses—General and Special Chapter 20 Endocrine System  
CARDIOVASCULAR SYSTEM  
Chapter 21 Blood Chapter 22 Heart Chapter 23 Vessels and Circulation Chapter 24 Lymphatic System Chapter 25 Respiratory System Chapter 26 Digestive System Chapter 27 Urinary System Chapter 28 Reproductive System



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071117105  
**Previous ISBN:** 0071113304  
**Edition:** 06  
**Binding:** SOFT BACK  
**Price:** £42.99  
**Euro Price:** 64.06  
**Pub Date:** February 2005  
**Subject Category:** Geology - Physical Geology

**Physical Geology: Earth Revealed with OLC Password Card**  
*by*

**David McGeary, Charles Plummer, Diane Carlson**

**DESCRIPTION**

This text, which includes the same information as the market-leading Physical Geology 10th edition, is for the professor who wants to use the same valuable information and engaging format but in a different teaching sequence. Coverage of plate tectonics is moved to the beginning of the book. The text is also used as the official Annenberg CPB distributed telecourse for physical geology. The beautiful new art program and interactive writing style will grab students' attention and further their interest in the subject.

**TABLE OF CONTENTS**

- 1 Introducing Geology and An Overview of Important Concepts
- 2 Earth's Interior and Geophysical Properties
- 3 The Sea Floor
- 4 Plate Tectonics
- 5 Mountain Belts and the Continental Crust
- 6 Geologic Structures
- 7 Earthquakes
- 8 Time and Geology
- 9 Atoms, Elements, and Minerals
- 10 Volcanism and Extrusive Rocks
- 11 Igneous Rocks, Intrusive Activity, and the Origin of Igneous Rocks
- 12 Weathering and Soil
- 13 Mass Wasting
- 14 Sediment and Sedimentary Rocks
- 15 Metamorphism, Metamorphic Rocks, and Hydrothermal Rocks
- 16 Streams and Floods
- 17 Ground Water
- 18 Deserts and Wind Action
- 19 Glaciers and Glaciation
- 20 Waves, Beaches and Coasts
- 21 Geologic Resources
- 22 The Earth's Companions



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071116265  
**Previous ISBN:** 0071199411  
**Edition:** 07  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** February 2005  
**Subject Category:** Geology - Environmental Geology

**Environmental Geology** with OLC Password Card  
*by*

**Carla Montgomery**

**DESCRIPTION**

Intended for the introductory-level college course, the principal aim of this text is to present the student with a broad overview of environmental geology. The text looks at how the earth developed into its present condition and examines where matters seem to be moving for the future. It is hoped that this knowledge will provide the student with a useful foundation for discussing and evaluating specific environmental issues, as well as for developing ideas about how the problems should be solved.

**TABLE OF CONTENTS**

Section One Foundations  
1 An Overview of Our Planetary Environment  
2 Rocks and Minerals A First Look  
Section Two Internal Processes  
3 Plate Tectonics  
4 Earthquakes  
5 Volcanoes  
Section Three Surface Processes  
6 Streams and Flooding  
7 Coastal Zones and Processes  
8 Mass Movements  
9 Geology and Climate: Glaciers, Deserts, and Global Climate Trends  
Section Four Resources  
10 Water as a Resource  
11 Soil as a Resource  
12 Mineral and Rock Resources  
13 Energy Resources Fossil Fuels  
14 Energy Resources Alternative Sources  
Section Five Waste Disposal, Pollution, and Health  
15 Waste Disposal  
16 Water Pollution  
17 Air Pollution  
Section Six Other Related Topics  
18 Environmental Law  
19 Land-Use Planning and Engineering Geology  
Appendix A Geologic Time, Geologic Process Rates  
Appendix B Introduction to Topographic and Geologic Maps and Remotely Sensed Imagery  
Appendix C Mineral and Rock Identification



**The McGraw-Hill Companies**

**ISBN:** 0071116532  
**Previous ISBN:** 0071218718  
**Edition:** 07  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** January 2005  
**Subject Category:** Bioscience - Anatomy and Physiology

## **Anatomy and Physiology with OLC Bind-In Card** *by*

**Rod Seeley, Trent Stephens, Philip Tate**

### **DESCRIPTION**

This book was designed to help students develop a solid, basic understanding of anatomy and physiology without an encyclopaedic presentation of detail. Great care has been taken to select important concepts and to carefully describe the anatomy of cells, organs and organ systems. The basic recipe that has been followed for seven editions of this text is to combine clear and accurate descriptions of anatomy with precise explanations of how structures function and examples of how they work together to maintain life. To emphasize the concepts of anatomy and physiology, the authors provide explanations of how the systems respond to aging, changes in physical activity and disease, with a special focus on homeostasis and the regulatory mechanisms that maintain it. Timely and interesting examples demonstrate the application of knowledge in a clinical context.

### **TABLE OF CONTENTS**

Part 1 Organization of the Human Body. 1 The Human Organism. 2 The Chemical Basis of Life. 3 Structure and Function of the Cell. 4 Histology: The Study of Tissues. Part 2 Support and Movement. 5 Integumentary System. 6 Skeletal System: Bones and Bone Tissue. 7 Skeletal System: Gross Anatomy. 8 Articulations and Movement. 9 Muscular System: Histology and Physiology. 10 Muscular System: Gross Anatomy. Part 3 Integration and Control Systems. 11 Functional Organization of Nervous Tissue. 12 Spinal Cord and Spinal Nerves. 13 Brain and Cranial Nerves. 14 Integration of Nervous System Functions. 15 The Special Senses. 16 Autonomic Nervous System. 17 Functional Organization of the Endocrine System. 18 Endocrine Glands. Part 4 Regulations and Maintenance. 19 Cardiovascular System: Blood. 20 Cardiovascular System: The Heart. 21 Cardiovascular System: Peripheral Circulation and Regulation. 22 Lymphatic System and Immunity. 23 Respiratory System. 24 Digestive System. 25 Nutrition, Metabolism, and Temperature Regulation. 26 Urinary System. 27 Water, Electrolytes, and Acid-Base Balance. Part 5 Reproduction and Development. 28 Reproductive System. 29 Development, Growth, Aging, and Genetics. A Table of Measurements. B Scientific Notation. C Solution Concentrations. D pH. E Reference Laboratory Values. F Answers to Review and Comprehension Questions. G Answers to Critical Thinking Questions.



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071116575  
**Previous ISBN:** 0071110070  
**Edition:** 09  
**Binding:** SOFT BACK  
**Price:** £38.99  
**Euro Price:** 58.10  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Anatomy and Physiology

**Hole's Essentials of Human Anatomy and Physiology with OLC Bind-In Card**  
*by*

**David Shier, Jackie Butler, Ricki Lewis**

**DESCRIPTION**

Designed for the one-semester anatomy and physiology course, *Hole's Essentials of Human Anatomy and Physiology* assumes no prior science knowledge and supports core topics with clinical applications, making difficult concepts relevant to students pursuing careers in the allied health field. The unparalleled teaching system is highly effective in providing students with a solid understanding of the important concepts in anatomy and physiology.

**TABLE OF CONTENTS**

Unit 1 Levels of Organization  
1 Introduction to Human Anatomy and Physiology  
2 Chemical Basis of Life  
3 Cells  
4 Cellular Metabolism  
5 Tissues  
Unit 2 Support and Movement  
6 Skin and the Integumentary System  
7 Skeletal System  
8 Muscular System  
Unit 3 Integration and Coordination  
9 Nervous System  
10 Somatic and Special Senses  
11 Endocrine System  
Unit 4 Transport  
12 Blood  
13 Cardiovascular System  
14 Lymphatic System and Immunity  
Unit 5 Absorption and Excretion  
15 Digestion and Nutrition  
16 Respiratory System  
17 Urinary System  
18 Water, Electrolyte, and Acid-Base Balance  
Unit 6 The Human Life Cycle  
19 Reproductive Systems  
20 Pregnancy, Growth, and Development



**Education**

**The McGraw-Hill Companies**

**ISBN:** 0071116591  
**Previous ISBN:** 0071110232  
**Edition:** 04  
**Binding:** SOFT BACK  
**Price:** £39.99  
**Euro Price:** 59.59  
**Pub Date:** February 2005  
**Subject Category:** Chemistry - General Chemistry

**Chemistry: The Molecular Nature of Matter and Change with OLC Password Card**  
*by*

**Martin Silberberg**

**DESCRIPTION**

This book, a favourite among faculty and students, contains features that make it the most comprehensive and relevant text for any student enrolled in General Chemistry. It contains unprecedented macroscopic to microscopic molecular illustrations, consistent step-by-step worked exercises in every chapter and an extensive range of end-of-chapter problems. The engaging applications cover a wide variety of freshman interests, including engineering, medicine, materials and environmental studies. All of these qualities make this the centrepiece for any General Chemistry course.

**TABLE OF CONTENTS**

1 Keys to the Study of Chemistry 2 The Components of Matter 3 Stoichiometry of Formulas and Equations 4 The Major Classes of Chemical Reactions 5 Gases and the Kinetic-Molecular Theory 6 Thermochemistry: Energy Flow and Chemical Change 7 Quantum Theory and Atomic Structure 8 Electron Configuration and Chemical Periodicity 9 Models of Chemical Bonding 10 The Shapes of Molecules 11 Theories of Covalent Bonding 12 Intermolecular Forces: Liquids, Solids, and Phase Changes 13 The Properties of Mixtures: Solutions and Colloids 14 Periodic Patterns in the Main-Group Elements: Bonding, Structure, and Reactivity 15 Organic Compounds and the Atomic Properties of Carbon 16 Kinetics: Rates and Mechanisms of Chemical Reactions 17 Equilibrium: The Extent of Chemical Reactions 18 Acid-Base Equilibria 19 Ionic Equilibria in Aqueous Systems 20 Thermodynamics: Entropy, Free Energy, and the Direction of Chemical Reactions 21 Electrochemistry: Chemical Change and Electrical Work 22 The Elements in Nature and Industry 23 The Transition Elements and Their Coordination Compounds 24 Nuclear Reactions and Their Applications Appendix A Common Mathematical Operations in Chemistry Appendix B Standard Thermodynamic Values for Selected Substances at 298 K Appendix C Equilibrium Constants at 298 K Appendix D Standard Electrode (Half-Cell) Potentials at 298 K



Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 007111663X  
**Edition:** 01  
**Binding:** SOFT BACK  
**Price:** £39.99  
**Euro Price:** 59.59  
**Pub Date:** February 2005  
**Subject Category:** Chemistry - Organic Chemistry

## **Organic Chemistry with OLC Password Card** *by*

**Janice Smith**

### **DESCRIPTION**

This heavily-reviewed new text presents information in the form of bulleted lists and tables, with minimal use of text paragraphs. The author saw a great need for stepped out worked examples, incorporated biological/medicinal/environmental applications, and an art program that has yet to be seen in organic chemistry. A highlight of the art program is the micro-to-macro art pieces helping students to conceptually understand organic chemistry. This is the text you need to see before you make your organic chemistry decision.

### **TABLE OF CONTENTS**

- 1 Structures and Bonding
- 2 Acids and Bases
- 3 Introduction to Organic Molecules and Functional Groups
- 4 Alkanes
- 5 Stereochemistry
- 6 Understanding Organic Reactions
- 7 Alkyl Halides and Nucleophilic Substitutions
- 8 Alkyl Halides and Elimination Reactions
- 9 Alcohols, Ethers and Epoxides
- 10 Alkenes
- 11 Alkynes
- 12 Oxidation and Reduction
- 13 Radical Reactions
- 14 Mass Spectrometry and Infrared Spectroscopy
- 15 Nuclear Magnetic Resonance Spectroscopy
- 16 Conjugation, Resonance, and Dienes
- 17 Benzene and Aromatic Compounds
- 18 Electrophilic Aromatic Substitution
- 19 Carboxylic Acids and Acidity of the O-H Bond
- 20 Introduction to Carbonyl Chemistry: Organometallic Reagents
- 21 Aldehydes and Ketones - Nucleophilic Addition
- 22 Carboxylic Acids and Their Derivatives - Nucleophilic Acyl Substitution
- 23 Substitution Reactions of Carbonyl Compounds at the 2 Carbon
- 24 Carbonyl Condensation Reactions
- 25 Amines
- 26 Lipids
- 27 Carbohydrates
- 28 Amino Acids and Proteins



The McGraw-Hill Companies



**ISBN:** 0071116680  
**Previous ISBN:** 0071218734  
**Edition:** 10  
**Binding:** SOFT BACK  
**Price:** £42.99  
**Euro Price:** 64.06  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Botany

## **Introductory Plant Biology** with OLC Bi-Card *by*

**Kingsley Stern**

### **DESCRIPTION**

This introductory text assumes little prior scientific knowledge on the part of the student. It includes sufficient information for some shorter introductory botany courses open to both majors and non-majors, and is arranged so that certain sections can be omitted without disrupting the overall continuity of the course. Stern emphasizes current interests while presenting basic botanical principles.

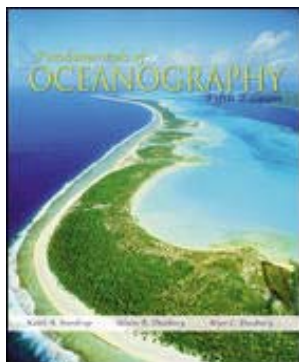
### **TABLE OF CONTENTS**

- 1 What Is Plant Biology?
- 2 The Nature of Life
- 3 Cells
- 4 Tissues
- 5 Roots and Soils
- 6 Stems
- 7 Leaves
- 8 Flowers, Fruits, and Seeds
- 9 Water in Plants
- 10 Plant Metabolism
- 11 Growth
- 12 Meiosis and Alternation of Generations
- 13 Genetics
- 14 Plant Breeding and Propagation
- 15 Evolution
- 16 Plant Names and Classification
- 17 Kingdom Bacteria, Kingdom Archaea, and Viruses
- 18 Kingdom Protista
- 19 Kingdom Fungi
- 20 Introduction to the Plant Kingdom: Bryophytes
- 21 The Seedless Vascular Plants: Ferns and Their Relatives
- 22 Introduction to Seed Plants: Gymnosperms
- 23 Seed Plants: Angiosperms
- 24 Flowering Plants and Civilization
- 25 Ecology
- 26 Biomes
- Appendix 1 Scientific Names of Organisms Mentioned in the Text
- Appendix 2 Biological Controls
- Appendix 3 Useful and Poisonous Plants, Fungi, and Algae
- Appendix 4 House Plants and Home Gardening



**Education**

The McGraw-Hill Companies



**ISBN:** 0071117121  
**Previous ISBN:** 0071131396  
**Edition:** 05  
**Binding:** SOFT BACK  
**Price:** £42.99  
**Euro Price:** 64.06  
**Pub Date:** February 2005  
**Subject Category:** Geology - Oceanography

**Fundamentals of Oceanography** with OLC Password Card  
*by*

**Keith Sverdrup, Alyn Duxbury, Alison Duxbury**

**DESCRIPTION**

This book is intended for less intensive college oceanography courses, courses for non-science majors and advanced placement oceanography programs for high school students. To meet the needs of these groups, this text has numerous student aids including chapter learning objectives, section review questions, summary charts, units in metric and imperial, chapter summaries, chapter word lists, bold face for technical terms in the text, and reduced use of technical terms. No prerequisites in maths, chemistry, physics or biology are required.

**TABLE OF CONTENTS**

1 History of Oceanography  
2 Introduction to Earth  
3 Plate Tectonics  
4 The Sea Floor  
5 Water  
6 The Atmosphere and the Oceans  
7 Circulation Patterns and Ocean Currents  
8 Waves and Tides  
9 Coasts, Estuaries, and Environmental Issues  
10 Oceanic Environment and Production  
11 Life in the Water  
12 Life on the Sea Floor  
Appendix A Latitude and Longitude  
Appendix B Classification Summaries  
Appendix C Units and Notation

**Mc  
Graw  
Hill** **Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071116761  
**Previous ISBN:** 0071199713  
**Edition:** 06  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** February 2005  
**Subject Category:** Nutrition - Introduction to Nutrition

**Contemporary Nutrition: Issues and Insights** with OLC Bind-In Card  
*by*

**Gordon Wardlaw, Anne Smith**

**DESCRIPTION**

This book is designed for nutrition students with little or no background in college-level biology, chemistry or physiology. A broad range of pedagogical tools such as critical thinking questions and concept checks help engage the students. The authors use a unique personalized approach which helps the students individualize the key concepts to their own nutrition choices and outcomes. The sixth edition has been updated to reflect the latest guidelines and research in this constantly evolving and dynamic field.

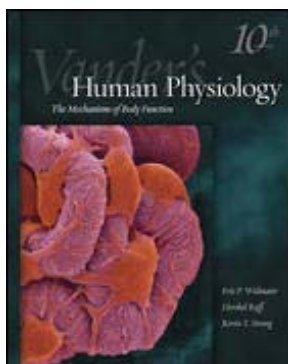
**TABLE OF CONTENTS**

Part 1 Nutrition: A Key to Health  
1 What You Eat and Why  
2 Tools for Designing a healthy diet  
3 The Human Body: A Nutrition Perspective  
Part 2 Nutrients and Alcohol: The Heart of Nutrition  
4 Carbohydrates  
5 Lipids  
6 Proteins  
Part 3 Vitamins and Minerals  
7 Alcohol  
8 Vitamins  
9 Water and Minerals  
Part 4 Energy: Balance and Imbalance  
10 Energy Balance and Weight Control  
11 Nutrition: Fitness and Sport  
12 Eating Disorders  
Part 5 Nutrition: A Focus on Life Stages  
13 Pregnancy and Breastfeeding  
14 Nutrition from Infancy through Adolescence  
15 Nutrition through Adulthood  
Part 6 Nutrition Beyond the Nutrients  
16 Food Safety  
17 Undernutrition throughout the World  
Appendixes  
Answers to Critical Thinking Questions  
Glossary  
Index



**Education**

The McGraw-Hill Companies



**ISBN:** 0071116788  
**Previous ISBN:** 0071216847  
**Edition:** 10  
**Binding:** SOFT BACK  
**Price:** £41.99  
**Euro Price:** 62.57  
**Pub Date:** February 2005  
**Subject Category:** Bioscience - Human Physiology

**Vander's Human Physiology with OLC Bind-In Card**  
*by*

**Eric Widmaier, Hershel Raff, Kevin Strang**

**DESCRIPTION**

The tenth edition of this classic text has been entrusted into the capable hands, for the second time, to a dynamic author team. Eric Widmaier, Hershel Raff, and Kevin Strang have taken on the challenge of maintaining the strengths and reputation that have long been this book's hallmark. The fundamental purpose of this textbook has remained undeniably the same: to present the principles and facts of human physiology in a format that is suitable for undergraduates regardless of academic background or field of study. The tenth edition carries on the tradition of clarity and accuracy, while refining and updating the content to meet the needs of today's instructors and students. It features a streamlined, clinically oriented focus to the study of human body systems.

**TABLE OF CONTENTS**

1 Homeostasis: A Framework for Human Physiology 2 Chemical Composition of the Body 3 Cell Structure and Protein Function 4 Movement of Molecules Across Cell Membranes 5 Control of Cells by Chemical Messengers 6 Neuronal Signaling and the Structure of the Nervous System 7 Sensory Physiology 8 Consciousness, the Brain, and Behavior 9 Muscle 10 Control of Body Movement 11 The Endocrine System 12 Cardiovascular Physiology 13 Respiratory Physiology 14 The Kidneys and Regulation of Water and Inorganic Ions 15 The Digestion and Absorption of Food 16 Regulation of Organic Metabolism and Energy Balance 17 Reproduction 18 Defense Mechanisms of the Body Appendix A Answers to Thought Questions Appendix B Glossary Appendix C English and Metric Units Appendix D The Goldman Equation Appendix E Outline of Exercise Physiology Appendix F Outline of Clinical Applications.



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0071116818  
**Previous ISBN:** 007111467X  
**Edition:** 04  
**Binding:** SOFT BACK  
**Price:** £39.99  
**Euro Price:** 59.59  
**Pub Date:** February 2005  
**Subject Category:** Computer Science - Programming: Java

## **An Introduction to Object-Oriented Programming with Java**

*by*

**Otani Wu, C Thomas**

### **DESCRIPTION**

This book provides an accessible and technically thorough introduction to the basics of programming using Java. The fourth edition continues to take a truly object-oriented approach. Objects are used early so that students think in objects right from the beginning. In the latest edition, the coverage on defining classes has been made more accessible. The material has been broken down into smaller chunks and spread over two chapters, making it more student-friendly. Also new is the incorporation of Java 1.5 features, including use of the Scanner Class and the Formatter Class. The hallmark feature of the book, Sample Development Programs, are continued in this edition. These provide students with an opportunity to incrementally, step by step, walk through program design, learning the fundamentals of software engineering. Object diagrams, using a subset of UML, also continue to be an important element of Wu's approach. The consistent, visual approach assists students in understanding concepts.

### **TABLE OF CONTENTS**

Chapter 0 Introduction to Computers and Programming Languages  
Chapter 1 Introduction to Object-Oriented Programming and Software Development  
Chapter 2 Getting Started with Java  
Chapter 3 Numerical Data  
Chapter 4 Defining Your Own Classes  
Chapter 5 Selection Statements  
Chapter 6 Repetition Statements  
Chapter 7 Defining Your Own Classes-Part II  
Chapter 8 Exceptions and Assertions  
Chapter 9 Characters and Strings  
Chapter 10 Arrays  
Chapter 11 Sorting and Searching  
Chapter 12 File Input and Output  
Chapter 13 Inheritance and Polymorphism  
Chapter 14 Event-Driven Programming and Basic GUI Objects  
Chapter 15 Advanced GUI  
Chapter 16 Recursive Algorithms



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

## **Psychology**

*The McGraw-Hill Companies*

**ISBN:** 0072917334  
**Previous ISBN:** 0072548541  
**Edition:** 29  
**Binding:** SOFT BACK  
**Price:** £18.99  
**Euro Price:** 28.30  
**Pub Date:** January 2005  
**Subject Category:** Psychology - Human Sexuality

### **Annual Editions: Human Sexuality 05/06** *by*

**Susan Bunting**

#### **DESCRIPTION**

This twenty-ninth edition of Annual Editions: Human Sexuality gives you articles selected from the best of the public press. The articles relate to issues dealing with sexuality and society, sexual biology, reproduction, and interpersonal relationships. Additional support is provided by our student website, Dushkin Online ([www.dushkin.com/online/](http://www.dushkin.com/online/)).



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

**The McGraw-Hill Companies**

**ISBN:** 0335209149 (softback), 0335209157 (hardback)  
**Edition:** 01  
**Price:** £18.99 (softback), £55.00 (hardback)  
**Euro Price:** 28.30 (softback), 81.94 (hardback)  
**Pub Date:** February 2005  
**Subject Category:** Psychology – Industrial Psychology

## **Psychology and the Healthy Organization**

*by*

**Marie McHugh**

### **DESCRIPTION**

This book is an exploration of the concept and practice of the healthy organization. It will:  
Explore the concept of organizational health and well-being;  
Highlight the need for organizations to be healthy in order to cope effectively with the diverse forces impacting upon them;  
Highlight the differing perspectives of organizational health;  
Present the argument which illustrates the rhetoric that exists in the exposition of the healthy organization;  
Present an integrated model which will facilitate the creation of a healthy organization. Through a critical analysis of the concept and the existing literature, this book highlights the fact that the healthy organization is a multi-dimensional concept, which encompasses numerous aspects of organizational functioning. The text argues for a holistic approach to conceptualising, understanding and creating a healthy organization. This is an essential text for students of organizational psychology, management and organizational health.

### **TABLE OF CONTENTS**

Chapter 1 The Concept of Organizational Health  
Chapter 2 Linkages between Strategy and Organizational Health  
Chapter 3 Linkages between Stress and Psychological Well being and Organizational Health  
Chapter 4 Working towards an integrated Conceptualisation of the Healthy Organization  
Chapter 5 Working towards an Assessment of Organizational Health  
Chapter 6 The Rhetoric and the Reality of the Healthy Organization  
References  
Index



**Education**

Website: [www.mcgraw-hill.co.uk](http://www.mcgraw-hill.co.uk) Tel: +44 (0) 1628 502700 / Fax: +44 (0) 1628 635895

## **Out of Print Listing**

The titles listed below have recently gone out of print. In cases where a new edition is available, the new ISBN is shown.

ISBN	AUTHOR	TITLE	EDN	NEW ISBN
<b>Hardside</b>				
0070053154	Appleby	Programming Languages: Paradigm and Practice	02	
0697051218	Ashley	Lab Anatomy of the Shark	05	
0071121684	Beer	Mechanics of Materials	03	0071210601
0256095930	Bornstein	Comparative Economic Systems	07	
0072508213	Bradshaw	World Regional Geography	02	
0072445238	Carey	Organic Chemistry	04	
0071110577	Castro	Marine Biology	04	0071111018
007017539X	Donaldson	Analysis of Aircraft Structures: An Introduction	01	
0072472804	Duxbury	An Introduction to the World's Oceans	07	0072945559
0070188521	Ebeling	Intro to Reliability & Maintainability Engineering	01	
0070213380	Edmonds	Forest Health and Protection	01	
0070577323	Eweis	Bioremediation Principles	01	
0028048547	Fowler	Electronics Comp Package (Basic Skills Series)	05	
0071163204	Grant	Statistical Quality Control	07	
0071213449	Hillier	Introduction to Operations Research	07	007123828X
0070293546	Hoffmann	Applied Finite Mathematics	02	
0072225114	Holcombe	Survey of Operating Systems	01	
0072379650	Johnson	Patterns and Experiments In Developmental Biology	03	
0071139257	Khoshnevis	Discrete Systems Simulation	01	
0072467088	Kinney	Loosening the Grip: A Handbook of Alcohol Information	06	0073028363
0071005366	Konvalina	Programming With Pascal	01	
007112991X	Kroes	Aircraft Maintenance & Repair	06	0071206779
0072401834	Mader	Understanding Human Anatomy and Physiology	04	0072935170
0071141952	Martin	Ethics in Engineering	03	0071232575
007462251X	Mokashi	Engineering Mechanics: Statics	01	
0072493526	Molles	Ecology: Concepts and Applications	02	0072951710
0072226951	Muster	Introduction to Linux and Unix	01	
0028031520	Ober	Gregg College Keyboarding And Document Processing	08	
0074633236	Pabla	Electronic Power Distribution System	04	0070482853
0071181784	Palm	Introduction to Matlab 6 for Engineers	01	0071232621
0070664676	Parzynski	Introduction to Mathematical Analysis	01	
0071225986	Pechenik	Biology of Invertebrates	04	0071111751
0697284077	Pflanzer	Experimental and Applied Physiology	06	0070272573
0072122978	Powell	Web Design: The Complete Reference	01	0072224428
0071136398	Raven	Automatic Control Engineering	05	
0071168966	Roberts	Foundations of Parasitology	06	0071112715
0070535302	Rogers	Mathematical Elements for Computer Graphics	02	
007053988X	Rosenkrantz	Introduction to Probability and Statistics for Scientists	01	
0072516933	Sahai	Pocket Dictionary of Statistics	01	
0071167226	Schaffner	Food Marketing Management: International Perspective	01	
0077094603	Smith	Java: An Object-Oriented Language	01	
0697270149	Weaver	Basic Genetics	02	
0071122893	Williams	Nutrition for Health, Fitness & Sport	06	0071112405

## **Out of Print Listing (continued)**

ISBN	AUTHOR	TITLE	EDN	NEW ISBN
<b>Psychology</b>				
0697201716	Atkinson	Counseling American Minorities	05	0697361853
0070284504	Blanchard-Fields	Perspectives on Cognitive Change in Adulthood & Aging	01	
0070072345	Brannigan	The Social Psychologist: Research Adventures	01	
0071131345	Cohen	Psychological Testing and Assessment	05	007111260X
0072397233	Cox	Annual Editions Online: Aging	01	
0335153461	Geen	Human Aggression	01	0335204724
0071124713	Larsen	Personality Psychology	01	0071114114
0071121420	Myers	Social Psychology	07	0071113908
0070482454	Oyster	Groups: A Users Guide	01	
0767402111	Rice	Intimate Relationships	04	
0874847966	Schwartz	Classic Studies Psychology	01	
0070651108	Triandis	Culture and Social Behavior	01	0073052604

## **New Editions Listing**

The titles listed below are recently published new editions.

New ISBN	Author	Title	New Ed	Old ISBN	Pub Date
<b>Hardside</b>					
0071112286	Bertoline	Fundamentals of Graphics Communication	04	0071121706	July 2004
0071242147	Blank	Engineering Economy	05	0071121722	Sep 2004
0071111018	Castro	Marine Biology	05	0071110577	July 2004
0072976772	Chapra	Applied Numerical Methods	01	0072392657	Aug 2004
0071114637	Davidson	Java Program Design Updated	01	0071218416	July 2004
0071117342	Dugopolski	Intermediate Algebra with MathZone	04	0071216545	Sep 2004
007298595X	Hahn	Focus on Health	07	0072932392	Sep 2004
0071238298	Kays	Convective Heat and Mass Transfer	04	0071232508	July 2004
0071199381	Kelter	Chemistry: A World of Choices	02	0071199373	Aug 2004
0071112936	Martin	Ethics in Engineering	04	0071232575	July 2004
0072985917	Payne	Human Motor Development: A Lifespan Approach	06	0072525711	Aug 2004
0071111751	Pechenik	Biology of the Invertebrates	05	0071225986	July 2004
0072985968	Robbins	A Wellness Way of Life	06	0072930462	Sep 2004
0071112715	Roberts	Foundations of Parasitology	07	0071168966	July 2004
0071240632	Seeley	Essentials of Anatomy and Physiology	05	0071111980	Sep 2004
0071112405	Williams	Nutrition for Health, Fitness and Sport	07	0071122893	July 2004
<b>Psychology</b>					
007111260X	Cohen	Psychological Testing and Assessment	06	0071131345	Sep 2004
0071114114	Larsen	Personality Psychology	02	0071121404	Sep 2004
0071113908	Myers	Social Psychology	08	0071121420	Aug 2004
0071113940	Sanrock	Psychology Updated	07	0071111905	July 2004

## McGraw Hill New Higher Education Books Jan-Mar 2005 Order Form

Please return to: McGraw-Hill Publishing Company, Shoppenhangers Road, Maidenhead, Berkshire, SL6 2QL, England  
Tel: ++44 (0) 1628 502500 Telex: 848484 Fax: ++44 (0) 1628 635895 E-mail: emea\_orders@mcgraw-hill.co.uk

<i>Bookshop Name:</i>	<i>Account Number:</i>
<i>Address:</i>	
<i>Post Code:</i>	
<i>Order Reference:</i>	<i>Date:</i>

### COMPUTING

<i>Quantity</i>	<i>Isbn</i>	<i>Lead Author</i>	<i>Title</i>	<i>£</i>	<i>Euro</i>	<i>Pub</i>
_____	0071214992	O'Leary, Timothy	Computing Today, 2/e	£28.99	E47.25	Jan 05

### ENGINEERING

<i>Quantity</i>	<i>Isbn</i>	<i>Lead Author</i>	<i>Title</i>	<i>£</i>	<i>Euro</i>	<i>Pub</i>
_____	00711151346	Antoniou, Andreas	Digital Signal Processing: Signals, Systems and Filters, 1/e	£39.99	E59.59	Feb 05
_____	0071115668	Cengel, Yunus	Fluid Mechanics: Fundamentals and Applications, 1/e	£43.99	E65.55	Jan 05
_____	0071115838	Forouzan, Behrouz	TCP/IP Protocol Suite, 3/e	£43.99	E65.55	Jan 05
_____	0071116273	Neamen, Donald	Semiconductor Device Fundamentals, 1/e	£38.99	E58.10	Feb 05
_____	0071131078	Vinnakota, Ramulu	Behavior and LRFD of Steel Structures, 1/e	£41.99	E62.57	Mar 05

### SCIENCE

<i>Quantity</i>	<i>Isbn</i>	<i>Lead Author</i>	<i>Title</i>	<i>£</i>	<i>Euro</i>	<i>Pub</i>
_____	0071115358	American ChemSoc	Chemistry in Context, 5/e	£36.99	E55.12	Mar 05
_____	0071115633	Carey, Francis	Organic Chemistry, 6/e	£42.99	E64.06	Jan 05
_____	0071115684	Chang, Raymond	General Chemistry, 4/e	£34.99	E52.14	Feb 05
_____	0071115730	Cowan, Marjorie	Microbiology: An Organ Systems Approach, 1/e	£40.99	E61.08	Feb 05
_____	0071115757	Cunningham, William	Principles of Environmental Science, 3/e	£39.99	E59.59	Feb 05
_____	0071117091	Enger, Eldon	Environmental Science, 10/e	£41.99	E62.57	Feb 05
_____	0071115854	Fox, Stuart	Human Physiology, 9/e	£41.99	E62.57	Feb 05
_____	0071115900	Getis, Arthur	Introduction to Geography, 10/e	£39.99	E59.59	Feb 05
_____	0071117032	Gunstream, Stanley	Anatomy and Physiology, 3/e	£38.99	E58.10	Feb 05
_____	0071115943	Hickman, Cleveland	Integrated Principles of Zoology, 13/e	£42.99	E64.06	Mar 05
_____	0071116028	Johnson, George	The Living World, 4/e	£39.99	E59.59	Feb 05
_____	0071117210	Mader, Sylvia	Inquiry into Life, 11/e	£40.99	E61.08	Jan 05
_____	0071117105	McGeary, David	Physical Geology: Earth Revealed, 6/e	£42.99	E64.06	Feb 05
_____	0071117229	McKinley, Michael	Human Anatomy, 1/e	£41.99	E62.57	Mar 05
_____	0071116265	Montgomery, Carla	Environmental Geology, 7/e	£41.99	E62.57	Feb 05
_____	0071116532	Seeley, Rod	Anatomy and Physiology, 7/e	£41.99	E62.57	Jan 05
_____	0071116575	Shier, David	Hole's Essentials of Human Anatomy and Physiology, 9/e	£38.99	E58.10	Feb 05
_____	0071116591	Silberberg, Martin	Chemistry: The Molecular Nature of Matter and Change, 4/e	£39.99	E59.59	Feb 05
_____	007111663X	Smith, Janice	Organic Chemistry, 1/e	£39.99	E59.59	Feb 05
_____	0071116680	Stern, Kingsley	Introductory Plant Biology, 10/e	£42.99	E64.06	Feb 05
_____	0071117121	Sverdrup, Keith	Fundamentals of Oceanography, 5/e	£42.99	E64.06	Feb 05
_____	0071116761	Wardlaw, Gordon	Contemporary Nutrition: Issues and Insights, 6/e	£41.99	E62.57	Feb 05
_____	0071116788	Widmaier, Eric	Vander's Human Physiology, 10/e	£41.99	E62.57	Feb 05
_____	0071116818	Wu, Otanu	An Introduction to Object-Oriented Programming with Java, 4/e	£39.99	E59.59	Feb 05

### McGRAW-HILL PSYCHOLOGY

<i>Quantity</i>	<i>Isbn</i>	<i>Lead Author</i>	<i>Title</i>	<i>£</i>	<i>Euro</i>	<i>Pub</i>
_____	0072917334	Bunting, Susan	Annual Editions: Human Sexuality 05/06, 29/e	£18.99	E28.30	Jan 05

### OPEN UNIVERSITY PRESS PSYCHOLOGY

<i>Quantity</i>	<i>Isbn</i>	<i>Lead Author</i>	<i>Title</i>	<i>£</i>	<i>Euro</i>	<i>Pub</i>
_____	0335209149	McHugh, Marie	Psychology and the Healthy Organization, 1/e softback	£18.99	E28.30	Feb 05
_____	0335209157	McHugh, Marie	Psychology and the Healthy Organization, 1/e hardback	£55.00	E81.94	Feb 05