

Discovering The Humanities 2nd Edition

"Rev. ed. of: Hospitality operations: careers in the world's greatest industry, c2005"--T.p. verso.

Critical Thinking, 2nd Edition is about becoming a better thinker in every aspect of your life—as a professional, as a consumer, citizen, friend, or parent. Richard Paul and Linda Elder identify the core skills of effective thinking, then help you analyze your own thought processes so you can systematically identify and overcome your weaknesses.

Praise for the first edition: "[This book] succeeds singularly at providing a structured introduction to this active field of research. ... it is arguably the most accessible overview yet published of the mathematical ideas and principles that one needs to master to enter the field of high-dimensional statistics. ... recommended to anyone interested in the main results of current research in high-dimensional statistics as well as anyone interested in acquiring the core mathematical skills to enter this area of research." —*Journal of the American Statistical Association* *Introduction to High-Dimensional Statistics, Second Edition preserves the philosophy of the first edition: to be a concise guide for students and researchers discovering the area and interested in the mathematics involved. The main concepts and ideas are presented in simple settings, avoiding thereby unessential technicalities. High-dimensional statistics is a fast-evolving field, and much progress has been made on a large variety of topics, providing new insights and methods. Offering a succinct presentation of the mathematical foundations of high-dimensional statistics, this new edition: Offers revised chapters from the previous edition, with the inclusion of many additional materials on some important topics, including compress sensing, estimation with convex constraints, the slope estimator, simultaneously low-rank and row-sparse linear regression, or aggregation of a continuous set of estimators. Introduces three new chapters on iterative algorithms, clustering, and minimax lower bounds. Provides enhanced appendices, minimax lower-bounds mainly with the addition of the Davis-Kahan perturbation bound and of two simple versions of the Hanson-Wright concentration inequality. Covers cutting-edge statistical methods including model selection, sparsity and the Lasso, iterative hard thresholding, aggregation, support vector machines, and learning theory. Provides detailed exercises at the end of every chapter with collaborative solutions on a wiki site. Illustrates concepts with simple but clear practical examples.*

Landmarks in Humanities is a single-volume survey of global culture designed to help students of humanities, cultural history, and history of the arts to understand and appreciate the relevance of historical works and ideas to their own daily lives. In chronological sequence, Landmarks guides students on a journey of the most notable monuments of the human imagination and the most prominent ideas and issues that have shaped the course and character of the world's cultures from prehistory to the present. The landmarks that mark this journey are the great works of their place and time and, in some cases, of all time. The text reflects the author's extensive background in the study of Humanities, which has enabled her to craft a narrative that is at once brief and comprehensive, giving students a thorough understanding of the interrelatedness of various modes of expression—art and architecture, literature, philosophy, and music—without overwhelming them with detail. Each of the text's fifteen chapters is centered on a key idea related to the period being discussed, and contains a series of valuable pedagogical features including timelines, high-quality maps, and boxed material. Each chapter also takes a unique cultural or historical point of view, often through primary sources, the stylistic relationship between two or more images and ideas or between text and image, and contemporaneous non-Western cultural landmarks and cross-cultural influences. In this edition, each chapter opens with "A First Look" at a landmark work that illustrates the key idea of the chapter and acts as a cultural guidepost to that chapter's overarching theme.

This new feature explains the artwork's significance as a landmark in its own time as well as in ours.

An Introduction to Creative and Strategic Practices

Discovering Dance

Discovering the Lifespan

Discovering Public Relations

Discovering Hospitality and Tourism

Making Sense of Muslim History and Society

Essays are the major form of assessment in higher education today, a fact which causes poor writers a great deal of anxiety. However essay writing is simply a skill to be learned. anyone can learn to express themselves coherently and effectively, and this book explains precisely how. If you are dissatisfied with your essay grades but don't know where to start, read on. Writing Essays reveals the tricks of the trade, making your student life easier. You will; * become proficient in every aspect of composition from introductions and conclusions, down to presentation and printing out * learn how to impress tutors with minimum effort * discover exactly what markers look for when they read your work. In addition, this book explains stress free methods of revision; effective library management; word processing and the internet. undergraduates on English, humanities and modular courses. Constructed around typical essay-writing mistakes as encountered by the author, this presents a refreshing alternative to the usual stuffy guides, written in the right language and focusing on what is relevant for students today. It includes advice on how to reference research done in the Internet.

See Context and Make Connections across the Humanities Discovering the Humanities helps students see context and make connections across the humanities by tying together the entire cultural experience through a narrative storytelling approach. Written around Henry Sayre's belief that students learn best by remembering stories rather than memorizing facts, it captures the voices that have shaped and influenced human thinking and creativity throughout our history. With a stronger focus on critical thinking, and coupled with the new MyArtsLab to personalize learning for each student, the second edition enables students to deepen their understanding of how cultures influence one another. It also shows how ideas are exchanged and evolve over time, and how this collective process has led us to where we stand today. A better teaching and learning experience This program will provide a better teaching and learning experience-- for you and your students. Here's how: Personalize Learning -- The new MyArtsLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructors achieve their goals. Improve Critical Thinking -- The second edition includes features that focus on applying concepts and building critical thinking skills in the beginning and at the end of each chapter. Engage Students -- Henry Sayre engages students like no other with his storytelling approach and the MyArtsLab Challenge which guides students through the ages as they master the study of Humanities. Support Instructors -- New MyArtsLab with streaming audio, ClassPrep, Instructor's Manual and Test Item File, and MyTest are available. Note: MyArtsLab does not come automatically packaged with this text. To purchase MyArtsLab, please visit www.myartslab.com or you can purchase the a la carte edition of the text + MyArtsLab: ISBN-10: 0205219985 / ISBN-13: 9780205219988 This Books a la Carte Edition is an unbound, three-hole punched, loose-leaf version of the textbook and provides students the opportunity to personalize their book by incorporating their own notes and taking only the portion of the book they need to class - all at a fraction of the bound book price.

OCEB 2 Certification Guide, Second Edition has been updated to cover the new version 2 of the BPMN standard and delivers expert insight into BPM from one of the developers of the OCEB Fundamental exam, offering full coverage of the fundamental exam material for both the business and technical tracks to further certification. The first study guide prepares candidates to take—and pass—the OCEB Fundamental exam, explaining and building on basic concepts, focusing on key areas, and testing knowledge of all critical topics with sample questions and detailed answers. Suitable for practitioners, and those newer to the field, this book provides a solid grounding in business process management based on the authors' own extensive BPM consulting experiences. Completely updated, with the latest material needed to pass the OCEB-2 and BPMN Certification Includes sample test questions in each chapter, with answers in the appendix Expert authors provide a solid overview of business process management (BPM)

This book provides an introduction to Riemannian geometry, the geometry of curved spaces. Its main theme is the effect of the curvature of these spaces on the usual notions of geometry, angles, lengths, areas, and volumes, and those new notions and ideas motivated by curvature itself. Isoperimetric inequalities--the interplay of curvature with volume of sets and the areas of their boundaries--is reviewed along with other specialized classical topics. A number of completely new themes are created by curvature: they include local versus global geometric properties, that is, the interaction of microscopic behavior of the geometry with the macroscopic structure of the space. Also featured is an ambitious "Notes and Exercises" section for each chapter that will develop and enrich the reader's appetite and appreciation for the subject.

Discovering Statistics Using R and RStudio

Discovering the Humanities, Books a la Carte Edition

Culture, Continuity and Change

Discovering Physical Geography

An Introduction to the Humanities : Combined Volume

A guide for students in English and the humanities

This entirely revised second edition of Engineering a Compiler is full of technical updates and new material covering the latest developments in compiler technology. In this comprehensive text you will learn important techniques for constructing a modern compiler. Leading educators and researchers Keith Cooper and Linda Torczon combine basic principles with pragmatic insights from their experience building state-of-the-art compilers. They will help you fully understand important techniques such as compilation of imperative and object-oriented languages, construction of static single assignment forms, instruction scheduling, and graph-coloring register allocation. In-depth treatment of algorithms and techniques used in the front end of a modern compiler Focus on code optimization and code generation, the primary areas of recent research and development Improvements in presentation including conceptual overviews for each chapter, summaries and review questions for sections, and prominent placement of definitions for new terms Examples drawn from several different programming languages

"See context and make connections across the humanities." "The Humanities: Culture, Continuity and Change," now in a third edition, has become, in a very short period of time, the best selling Introduction to Humanities text on the market. With its message of "see context and make connections across the humanities," students enjoy countless "ah-ha" moments as they piece together the cultural history of world. Believing that students learn best by remembering stories rather than memorizing facts, author Henry Sayre employs a narrative storytelling approach to the humanities, deftly conveying multifaceted cultural experiences in a way that students can understand and will remember--throughout the course and beyond. This third edition helps instructors and students by connecting the learning objectives in each chapter with MyArtsLab, an online learning program which brings the arts to life. Key learning tools within MyArtsLab include new listening guides for the musical selections, new Closer Look tours for every chapter entitled "Continuing Presence of the Past," architectural panoramas and simulations to help students visualize key monuments and how they were built, and more Revel from Pearson is a new learning experience designed for the way today's students read, think, and learn. Revel redesigns familiar and respected course content and enriches it for today's students with new dynamic, rich-media interactives and assessments. The result is improved student engagement and improved learning. Revel for Sayre will be available for Fall 2014 classes. Teaching and Learning ExperienceThis program will provide a better teaching and learning experience--for you and your students. It: Personalizes Learning with MyArtsLab: The new MyArtsLab delivers proven results in helping students succeed, and provides engaging experiences that personalize learning. Makes Connections and Shows Relevance: New Continuing Presence of the Past features help students to understand how cultural artifacts of the past have informed present works of art and culture. Emphasizes Critical Thinking: Chapter opening and ending questions encourage students to focus and think critically about the issues to come. Focuses on Contemporary Findings: The new third edition has been updated to reflect the latest research from around the globe. This Package Contains: 0205239927 / 9780205239924 NEW MyArtsLab with Pearson eText -- Valuepack Access Card -- for The Humanities: Culture, Continuity and Change, Volume 10205973132 / 9780205973132 The Humanities: Culture, Continuity and Change, Volume I ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. PackagesAccess codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental booksIf you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codesAccess codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase.

This second edition covers recent developments around the world with contributors from 33 different countries. It widens the handbook's scope by including ecological design; consideration of cultural dimensions of the use and conservation of urban nature; the roles of government and civil society; and the continuing issues of equity and fairness in access to urban greenspaces. New features include an emphasis on the biophilic design of homes and workplaces, demonstrating the value of nature, in order to counter the still prevalent attitude among many developers that nature is a constraint rather than a value. The volume explores great practical achievements have occurred since the first edition, with many governments increasingly recognising and legislating on urban nature and green infrastructure matters, since cities play a major role in adapting to change, particularly to climate crisis. New topics such as the ecological role of light at night and human microbiota in the urban ecosystem are introduced. Additional attention is given to food production in cities, particularly the multiple roles of urban agriculture and household gardens in different contexts from wealthy communities to the poorest informal settlements in deprived communities. The emphasis is on demonstrating what can be achieved, and what is already being done. The book will help scholars and graduate students by providing an invaluable and up-to-date guide to current urban ecological thinking across the range of disciplines, such as geography, ecology, environmental science/studies, planning, urban studies, that converge in the study of towns and cities and urban design and living. It will also assist practitioners and civil society members in discovering the ways different specialists and thinkers approach urban nature.

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- 0205246257 / 9780205246250 Humanities, The: Culture, Continuity and Change, Volume 1 with NEW MyArtsLab Package consists of: 0205241379 / 9780205241378 NEW MyArtsLab with Pearson eText -- Valuepack Access Card - for The Humanities: The Culture, Continuity and Change, Volume 1 0205782159 / 9780205782154 Humanities, The: Culture, Continuity and Change, Volume 1

Psychology 2e

A Modern Introduction

The Psychology of Decision Making

Riemannian Geometry

Landmarks in Humanities

Polymer Nanocomposites and Other Materials Containing Nanoparticles

As scientific and engineering projects grow larger and more complex, it is increasingly likely that those projects will be written in C++. With embedded hardware growing more powerful, much of its software is moving to C++, too.

Mastering C++ gives you strong skills for programming at nearly every level, from "close to the hardware" to the highest-level abstractions. In short, C++ is a language that scientific and technical practitioners need to know. Peter Gottschling's Discovering Modern C++ is an intensive introduction that guides you smoothly to sophisticated approaches based on advanced features. Gottschling introduces key concepts using examples from many technical problem domains, drawing on his extensive experience training professionals and teaching C++ to students of physics, math, and engineering. This book is designed to help you get started rapidly and then master increasingly robust features, from lambdas to expression templates. You'll also learn how to take advantage of the powerful libraries available to C++ programmers: both the Standard Template Library (STL) and scientific libraries for arithmetic, linear algebra, differential equations, and graphs. Throughout, Gottschling demonstrates how to write clear and expressive software using object orientation, generics, metaprogramming, and procedural techniques. By the time you're finished, you'll have mastered all the abstractions you need to write C++ programs with exceptional quality and performance.

Published by OpenStax College, U.S. History covers the breadth of the chronological history of the United States and also provides the necessary depth to ensure the course is manageable for instructors and students alike. U.S. History is designed to meet the scope and sequence requirements of most courses. The authors introduce key forces and major developments that together form the American experience, with particular attention paid to considering issues of race, class and gender. The text provides a balanced approach to U.S. history, considering the people, events and ideas that have shaped the United States from both the top down (politics, economics, diplomacy) and bottom up (eyewitness accounts, lived experience).

Should I have this medical treatment or that one? Is this computer a better buy than that one? Should I invest in shares or keep my money under the bed? We all face a perplexing array of decisions every day. Thoroughly revised and updated throughout, the new edition of Straight Choices provides an integrative account of the psychology of decision-making, and shows how psychological research can help us understand our uncertain world. Straight Choices emphasises the relationship between learning and decision-making, arguing that the best way to understand how and why decisions are made is in the context of the learning and knowledge acquisition which precedes them, and the feedback which follows. The mechanisms of learning and the structure of environments in which decisions are made are carefully examined to explore their impact on our choices. The authors then consider whether we are all constrained to fall prey to cognitive biases, or whether, with sufficient exposure, we can find optimal decision strategies and improve our decision making. Featuring three completely new chapters, this edition also contains student-friendly overviews and recommended readings in each chapter. It will be of interest to students and researchers in cognitive psychology, behavioral economics, and the decision sciences, as well as anyone interested in the nature of decision making.

The second edition of Arts Management has been thoroughly revised to provide an updated, comprehensive overview of this fast-changing subject. Arts managers and students alike are offered a lively, sophisticated insight into the artistic, managerial and social responsibilities necessary for those working in the field. With new cases studies and several new chapters, Derrick Chong takes an interdisciplinary approach in examining some of the main impulses informing discussions on the management of arts and cultural organizations. These are highly charged debates, since arts managers are expected to reconcile managerial, economic and aesthetic objectives. Topics include: arts and the State, with reference to the instrumentalism of the arts and culture business and the arts ownership and control of arts organizations arts consumption and consumers, including audience development and arts marketing managing for excellence and artistic integrity financial investing in the arts, namely fine arts funds and theatre angels philosophies of philanthropy Incorporating a deliberately diverse range of sources, Arts Management is essential reading for students on arts management courses and provides valuable insights for managers already facing the management challenges of this field.

Discovering the Humanities

Discovering Statistics Using R

Writing Essays

The Routledge Handbook of Urban Ecology

Introduction to High-Dimensional Statistics

Arts Management

Taking you on a voyage of discovery through R and RStudio, this completely updated second edition combines real-world examples and humour with a hands-on, ?how to? approach that brings statistics and programming to life. In his characteristic irreverent and engaging style, Andy Field takes a fun and flexible yet rigorous approach to doing statistics in a book that: Builds statistical understanding at an accessible pace, giving you the confidence to develop your statistics and programming knowledge Encourages self-testing

and reflection so you can practice your new skills Offers support and resources for whatever learning style you have and whatever stage your journey is at with a cast of colourful characters. This book is the go-to text for anyone across the social and behavioural sciences wanting to learn about statistics in R.

Full of real-world case studies and practical advice, Exploratory Multivariate Analysis by Example Using R, Second Edition focuses on four fundamental methods of multivariate exploratory data analysis that are most suitable for applications. It covers principal component analysis (PCA) when variables are quantitative, correspondence analysis (CA) a Combined and modified edition of: Humanities: culture, continuity & change. 2nd ed. 2012.

The first edition of Health and Environmental Safety of Nanomaterials: Polymer Nanocomposites and Other Materials Containing Nanoparticles was published in 2014, but since that time, new developments in the field of nanomaterials safety have emerged, both at release and exposure, along with the expanding applications of the nanomaterials side. Numerous studies have been dedicated to the issue of biophysical interactions of nanoparticles with the human body at the organ, cellular, and molecular levels. In this second edition, all the chapters have been brought fully up to date. There are also four brand new chapters on the biophysical interaction of nanoparticles with the human body; advanced modeling approaches to help elucidate the nanorisks; safety measures at work with nanoparticles; and the health and environmental risks of graphene. It provides key knowledge and information needs for all those who are working in the research and development sector and need to learn more about the safety of nanomaterials. • Focuses on the health and safety of polymer nanocomposites and other materials containing nanoparticles, as well as their medical and environmental implications • Discusses the fundamental nature of various biophysical interactions of nanoparticles with the human body • Looks at the physico-chemistry of nanoparticles and their uptake, translocation, transformation, transport, and biodistribution in mammalian and plant systems • Presents the structure–activity relationships and modeling of the interactions of nanoparticles with biological molecules, biochemical pathways, analysis of biomolecular signatures, and the development of biomarkers.

Culture, Continuity and Change, Books a La Carte + Myartslab Access Card Package

Principles, Methods, and Practices

Critical Thinking

Straight Choices

Business Process Management - Fundamental Level

Engineering a Compiler

Lecturers - request an e-inspection copy of this text or contact your local SAGE representative to discuss your course needs. Watch Andy Field's introductory video to Discovering Statistics Using R Keeping the uniquely humorous and self-deprecating style that has made students across the world fall in love with Andy Field's books, Discovering Statistics Using R takes students on a journey of statistical discovery using R, a free, flexible and dynamically changing software tool for data analysis that is becoming increasingly popular across the social and behavioural sciences throughout the world. The journey begins by explaining basic statistical and research concepts before a guided tour of the R software environment. Next you discover the importance of exploring and graphing data, before moving onto statistical tests that are the foundations of the rest of the book (for example correlation and regression). You will then stride confidently into intermediate level analyses such as ANOVA, before ending your journey with advanced techniques such as MANOVA and multilevel models. Although there is enough theory to help you gain the necessary conceptual understanding of what you're doing, the emphasis is on applying what you learn to playful and real-world examples that should make the experience more fun than you might expect. Like its sister textbooks, Discovering Statistics Using R is written in an irreverent style and follows the same ground-breaking structure and pedagogical approach. The core material is augmented by a cast of characters to help the reader on their way, together with hundreds of examples, self-assessment tests to consolidate knowledge, and additional website material for those wanting to learn more. Given this book's accessibility, fun spirit, and use of bizarre real-world research it should be essential for anyone wanting to learn about statistics using the freely-available R software.

KEY BENEFIT: Discovering Genomics is the first genomics text that combines web activities and case studies with a problem-solving approach to teach upper-level undergraduates and first-year graduate students the fundamentals of genomic analysis. More of a workbook than a traditional text, Discovering Genomics, Second Edition allows students to work with real genomic data in solving problems and provides the user with an active learning experience. KEY TOPICS: Genomic Medicine Case Study: What's wrong with my child? Genome Sequence Acquisition and Analysis, Comparative Genomics in Evolution and Medicine, Genome Variations, Genomic Medicine Case Study: Why Can't I Just Take a Pill to Lose Weight? Basic Research with DNA Microarrays, Applied Research with DNA Microarrays, Proteomics, Genomic Medicine Case Study: Why Can't We Cure More Diseases? Genomic Circuits in Single Genes, Integrated Genomic Circuits, Modeling Whole-Genome Circuits. MARKET: For all readers interested in genomics.

With Wiley's Enhanced E-Text, you get all the benefits of a downloadable, reflowable eBook with added resources to make your study time more effective, including: • Visual Concept Checks • Imbedded Glossary with clickable references & key words • Show & Hide Solutions with automatic feedback Arbogast's Discovering Physical Geography, 4th Edition provides interactive questions that help readers comprehend important Earth processes. The Fourth Edition continues to place great emphasis on how relevant physical geography is to each reader's life. With an enhanced focus on the interconnections between humans and their environment, this text includes increased coverage of population growth and its impact on the environment. Updated case studies are included, as well as new sections dealing with human interactions with solar energy, wind power, soils, and petroleum. This text is welcoming, taking readers on a tour of "discovery", and delivers content that is sound and based on the most current scientific research.

NOTE: Before purchasing, check with your instructor to ensure you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, and registrations are not transferable. To register for and use Pearson's MyLab & Mastering products, you may also need a Course ID, which your instructor will provide. Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for Pearson's MyLab & Mastering products may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. Discovering the Lifespan provides a broad overview of the field of human development and features a strong balance of research and application. In a unique departure from traditional lifespan development texts, each chapter is divided into three modules, and in turn, each module is divided into several smaller sections. Consequently, students encounter material in smaller, more manageable chunks that optimize learning.

Exploratory Multivariate Analysis by Example Using R

Arts and Culture

Discovering Genomics, Proteomics, and Bioinformatics

Introducing Genetics

Interdisciplinary Problems, Principles, and Python Programming

The World's Greatest Industry

Essays are a major form of assessment in higher education today and this is a fact that causes some writers a great deal of anxiety. Fortunately, essay writing is a skill that can be learned, like any other. Through precise explanations, this fully updated edition of Writing Essays gives you the confidence to express yourself coherently and effectively. It demystifies the entire process of essay writing, helping you to become proficient and confident in every aspect. Writing Essays reveals the tricks of the trade, making your student life easier. You'll learn how to impress tutors by discovering exactly what markers look for when they read your work. Using practical examples selected from real student assignments and tutor feedback, this book covers every aspect of composition, from introductions and conclusions, down to presentation and submission. It also advises you on stress-free methods of revision, helps with exam essays, explains the principles of effective secondary source management, and shows you how to engage meaningfully with other critics' views. A new chapter will also guide you through the intricacies of the undergraduate dissertation. As a full-time university professor, Richard Marggraf Turley counsels students and assesses their work every day, helping him to recognise the challenges that they face. Accessible, concise and full of practical examples, Writing Essays is a response to these challenges and will be an invaluable companion for Humanities students who wish to improve their grades and become confident in the art of essay writing.

First published in 1989. Routledge is an imprint of Taylor & Francis, an informa company.

This book is designed to introduce doctoral and graduate students to the process of conducting scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioral research, and can serve as a stand-alone text or as a supplement to research readings in any doctoral seminar or research methods class. This book is currently used as a research text at universities on six continents and will shortly be available in nine different languages.

Since the turn of the twenty-first century, the psychology of emotion has grown to become its own field of study. Because the study of emotion draws inspiration from areas of science outside of psychology, including neuroscience, psychiatry, biology, genetics, computer science, zoology, and behavioral economics, the field is now often called emotion science or affective science. A subfield of affective science is affective neuroscience, the study of the emotional brain. This revised second edition of Psychology of Emotion reviews both theory and methods in emotion science, discussing findings about the brain; the function, expression, and regulation of emotion; similarities and differences due to gender and culture; the relationship between emotion and cognition; and emotion processes in groups. Comprehensive in its scope yet eminently readable, Psychology of Emotion serves as an ideal introduction for undergraduate students to the scientific study of emotion. It features effective learning devices such as bolded key terms, developmental details boxes, learning links, tables, graphs, and illustrations. In addition, a robust companion website offers instructor resources.

Genetics and Evolution of Infectious Diseases

Discovering Our Past

Mechanisms of Morphogenesis

A Guide for Students in English and the Humanities

The Humanities

The Routledge Handbook of Civil-military Relations

Morphogenesis is the set of processes that generate shape and form in the embryo—an important area within developmental biology. An exciting and up-to-the-minute account of the very latest research into the factors that create biological form, Mechanisms of Morphogenesis, second edition is a text reference on the mechanisms of cell and tissue morphogenesis in a diverse array of organisms, including prokaryotes, animals, plants and fungi. By combining hard data with computer modeling, Mechanisms of Morphogenesis, second edition equips readers with a much broader understanding of the scope of modern research than is otherwise available. The book focuses on the ways in which the genetic program is translated to generate cell shape, to direct cell migration, and to produce the shape, form and rates of growth of the various tissues. Each topic is illustrated with experimental data from real systems, with particular reference to gaps in current knowledge and pointers to future Includes over 200 four-color figures Offers an integrated view of theoretical developmental biology and computer modelling with laboratory-based discoveries Covers experimental techniques as a guide to the reader Organized around principles and mechanisms, using them to integrate discoveries from a range of organisms and systems

"Havill's problem-driven approach introduces algorithmic concepts in context and motivates students with a wide range of interests and backgrounds." -- Janet Davis, Associate Professor and Microsoft Chair of Computer Science, Whitman College "This book looks really great and takes exactly the approach I think should be used for a CS 1 course. I think it really fills a need in the textbook landscape." -- Marie desJardins, Dean of the College of Organizational, Computational, and Information Sciences, Simmons University "Discovering Computer Science is a refreshing departure from introductory programming texts, offering students a much more sincere introduction to the breadth and complexity of this ever-growing field." -- James Deverick, Senior Lecturer, The College of William and Mary "This unique introduction to the science of computing guides students through broad and universal approaches to problem solving in a variety of contexts and their ultimate implementation as computer programs." -- Daniel Kaplan, DeWitt Wallace Professor, Macalester College Discovering Computer Science:

Interdisciplinary Problems, Principles, and Python Programming is a problem-oriented introduction to computational problem solving and programming in Python, appropriate for a first course for computer science majors, a more targeted disciplinary computing course or, at a slower pace, any introductory computer science course for a general audience. Realizing that an organization around language features only resonates with a narrow audience, this textbook instead connects programming to students' prior interests using a range of authentic problems from the natural and social sciences and the digital humanities. The presentation begins with an introduction to the problem-solving process, contextualizing programming as an essential component. Then, as the book progresses, each chapter guides students through solutions to increasingly complex problems, using a spiral approach to introduce Python language features. The text also places programming in the context of fundamental computer science principles, such as abstraction, efficiency, testing, and algorithmic techniques, offering glimpses of topics that are traditionally put off until later courses. This book contains 30 well-developed independent projects that encourage students to explore questions across disciplinary boundaries, over 750 homework exercises, and 300 integrated reflection questions engage students in problem solving and active reading. The accompanying website <https://www.discoveringcs.net> includes more advanced content, solutions to selected exercises, sample code and data files, and pointers for further exploration.

Genetics and Evolution of Infectious Diseases, Second Edition, discusses the constantly evolving field of infectious diseases and their continued impact on the health of populations, especially in resource-limited areas of the world. Students in public health, biomedical professionals, clinicians, public health practitioners, and decisions-makers will find valuable information in this book that is relevant to the control and prevention of neglected and emerging worldwide diseases that are a major cause of global morbidity, disability, and mortality. Although substantial gains have been made in public health interventions for the treatment, prevention, and control of infectious diseases during the last century, in recent decades the world has witnessed a worldwide human immunodeficiency virus (HIV) pandemic, increasing antimicrobial resistance, and the emergence of many new bacterial, fungal, parasitic, and viral pathogens. The economic, social, and political burden of infectious diseases is most evident in developing countries which must confront the dual burden of death and disability due to infectious and chronic illnesses. Takes an integrated approach to infectious diseases Includes contributions from leading authorities Provides the latest developments in the field of infectious disease

Discovering Public Relations introduces students to the field of PR in a practical, applied, and hands-on way that prepares them for the modern workplace. Author Karen Freberg guides students through the evolution of contemporary PR practices with an emphasis on social media, digital communication, creativity, and diversity. Understanding that innovation alone can't create success, Freberg shows students how to use, choose, and implement evidence-based practices to guide their strategic campaigns. The text will transform today's students into tomorrow's successful PR professionals by giving them the tools to think creatively, innovate effectively, and deploy research-backed tactics for successful campaigns.

U.S. History

Health and Environmental Safety of Nanomaterials

Tools for Taking Charge of Your Professional and Personal Life

Images of Schoolteachers in America

From Mendel to Molecules

Psychology of Emotion

Discovering Dance is the ideal introductory text for students with little to no dance experience. Teachers can adapt this course to meet students where they are, whether they are new to dance or already have some dance experience. The material helps students consider where movement comes from and why humans are compelled to move, grasp the foundational concepts of dance, and explore movement activities from the perspectives of a dancer, a choreographer, and an observer. The result is a well-rounded educational experience for students to build on, whether they want to further explore dance or choreography or otherwise factor dance into college or career goals. Discovering Dance will help students in these ways: • Meet national and state standards in dance education and learn from a pedagogically sound scope and sequence that allow them to address 21st-century learning goals. • Discover dance through creating, performing, analyzing, understanding, responding to, connecting to, and evaluating dance and dance forms. • Step into a flexible dance curriculum that is appropriate for one or more years of instruction. • Build on their dance experience, whether they want to further explore dance or choreography or otherwise factor dance into college or career goals. • Use student web resources to enhance their learning. The book is divided into four parts and 16 chapters. Part I focuses on the foundational concepts of dance and art processes, wellness, safety, dance elements, and composition. Part II delves into societal facets of dance, including historical, social, folk, and cultural dance. In part III, students explore dance on stage, including ballet, modern dance, jazz dance, and tap dance, and also examine aspects of performance and production. Part IV rounds out the course by preparing students for dance in college or as a career and throughout life. Each chapter helps students • discover new dance genres; • explore dance genres through its history, artists, vocabulary, and significant works; • apply dance concepts through movement, written, oral, visual, technology, and multimedia assignments, thus deepening their knowledge and abilities; • enhance learning by completing in each chapter a portfolio assignment; and • use the Did You Know and Spotlight elements to expand on the chapter content and gain more insight into dance artists, companies, and events. Learning objectives, vocabulary terms, and an essential question at the beginning of each chapter prepare students for their learning experience. Students then move through the chapter, engaging in a variety of movement discovery, exploration, response, and research activities. The activities and assignments meet the needs of visual, auditory, and kinesthetic learners and help students explore dance through vocabulary, history, culture, creation, performance, and choreography. This personal discovery is greatly aided by technology—including learning experiences that require taking photos; watching or creating short videos of dancers' performances; creating timelines, graphs, drawings, and diagrams; and creating soundscapes. Chapters conclude with a portfolio assignment or project and a chapter review quiz. A comprehensive glossary further facilitates learning. In addition, some chapters contain Explore More elements, which trigger students to investigate selected dance styles on the web resource. These sections offer students insight into various dance genres and styles; for example, in the chapter on cultural dance, students can explore more about street dances, Mexican folkloric dance, African dance, Indian dance, and Japanese dance. The online components further strengthen the book and enrich the students' learning experience. These resources also help teachers to prepare for and manage their classes. Here is an overview of the resources: Teacher Web Resource • Learning objectives • Extended learning activities • Handouts and assignments that students can complete, save, and print to turn in • Explore More sections of selected chapters to introduce students to additional social, folk, cultural, and contemporary dance styles • Chapter glossary terms both with and without the definitions • Chapter PowerPoint presentations • Information on assessment tools • Interactive chapter review quizzes • Answer keys for handouts, assignment sheets, and quizzes • Unit exams and answer sheets • Video and audio clips for selected dance genres • Web links and web search terms for resources to enhance the learning • Additional teacher resources to support and extend the teaching and learning process (these resources include chapter learning objectives, enduring understanding and essential questions, chapter quotes, teacher-directed information to support teaching specific activities, and web links) Student Web Resource • Handouts and assignments that students can complete, save, and print to turn in • Explore More sections of selected chapters to introduce students to additional social, folk, cultural, and contemporary dance styles • Chapter glossary terms both with and without the definitions so students can test their knowledge • Information on assessment tools • Interactive chapter review quizzes • Video and audio clips for selected dance genres • Web links and web search terms for resources to enhance the learning

The armed forces are central actors in most societies and are involved in many different roles. Amongst other activities, they engage in peace operations, support the police in fighting crime, support civilian authorities in dealing with natural disasters, and fight against terrorists and in internal conflicts. The existing literature on this subject is limited in its discussion of war-fighting and thus does not do justice to this variety of roles. The Routledge Handbook of Civil-Military Relations offers an up-to-date comparative analysis which identifies three essential components in civil-military relations: (1) democratic civilian control; (2) operational effectiveness; and (3) the efficiency of the security institutions. Amalgamating ideas from key thinkers in the field, the book is organized into three main parts: yPart I: Development of the Field of Study; yPart II: Civil-Military Relations in Non-Democratic or Nominally Democratic Countries; yPart III: Civil-Military Relations in Democratic and Democratizing States: Issues and Institutions.

*This book explores images of schoolteachers in America from the beginning of the 20th century to the present, using a wide range of approaches to scholarship and writing. It is intended for both experienced and aspiring teachers to use as a springboard for discussion and reflection about the teaching profession and for contemplating these questions: What does it mean to be a teacher? What has influenced and sustained our beliefs about teachers? New in the second edition * The focus is shifted to the teaching profession as the 21st century unfolds. * The volume continues to explore teacher images through various genres--oral history, narrative, literature, and popular culture. In the second edition, the authors place more emphasis on the social-political context that has shaped teachers' daily experiences and the teaching profession itself. In the study of teacher images and schooling, the essays draw from feminist research methods and the critical tradition in educational inquiry to probe issues of power and authority, race, social class, and gender. * The emphasis is on the multidimensionality of teacher images rather than normative characterizations. * Six totally new chapters have been written for this new edition: an "invented interview" spanning 100 years of school teaching; portraits of progressive activist teachers; an exploration of teachers in fiction for young adults; a retrospective of the satirical cartoon show, The Simpsons; a study of crusading and caring teachers in films; and an overview of progressive classroom practices in "the new millennium." Seven chapters have been thoroughly revised to reflect current scholarship and the authors' evolving knowledge and interests.*

The new edition of Introducing Genetics is a clear, concise, and accessible guide to inheritance and variation in individuals and populations. It first establishes the principles of Mendelian inheritance and the nature of chromosomes, before tackling quantitative and population genetics. The final three chapters introduce the molecular mechanisms t

A History of the World

An Introduction to Music Travel Culture

Discovering Computer Science

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OCEB 2 Certification Guide

For one or two semester/quarter courses on Introduction to the Humanities or Cultural Studies. Now in full color, Arts and Culture provides an introduction to global civilizations and their artistic achievements, history, and cultures. The authors consider two important questions: What makes a work a masterpiece of its type? And what qualities of a work enable it to be appreciated over time? Critical thinking is also highlighted throughout the text with 4 different box features that ask students to explore connections across the humanities and different cultures. These boxes are entitled Connections, Cross Currents, Then & Now, and Cultural Impact boxes. Open the new fourth edition of Arts and Culture and open a world of discovery.

Social Science Research

An Intensive Course for Scientists, Engineers, and Programmers