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Genre in the Classroom Facet Publishing
The complete reference guide to the hot technology of cloud computing Its potential for lowering IT costs makes cloud computing a major force for both IT vendors and users; it is expected to gain momentum rapidly with the launch of Office Web Apps later this year. Because cloud computing involves various technologies, protocols, platforms, and infrastructure elements, this comprehensive reference is just what you need if you'll be using or implementing cloud computing. Cloud computing offers significant cost savings by eliminating upfront expenses for hardware and software; its growing popularity is expected to skyrocket when Microsoft introduces Office Web Apps This comprehensive guide helps define what cloud computing is and thoroughly explores the technologies, protocols, platforms and infrastructure that make it so desirable Covers

mobile cloud computing, a significant area due to ever-increasing cell phone and smartphone use Focuses on the platforms and technologies essential to cloud computing Anyone involved with planning, implementing, using, or maintaining a cloud computing project will rely on the information in Cloud Computing Bible.

Advanced Mechanics of Materials Springer
W. Newton Suter argues that what is important in a changing education landscape is the ability to think clearly about research methods, reason through complex problems and evaluate published research. He explains how to evaluate data and establish its relevance.

Appity Slap CRC Press

Co-published with and Miriam, a freshman Calculus student at Louisiana State University, made 37.5% on her first exam but 83% and 93% on the next two. Matt, a first year General Chemistry student at the University of Utah, scored 65% and 55% on his first two exams and 95% on his third—These are representative of thousands of students who decisively improved their grades by acting on the advice described in this book. What is preventing your students from performing according to expectations?

Sandra McGuire offers a simple but profound answer: If you teach students how to learn and give them simple, straightforward strategies to use, they can significantly increase their learning and performance. For over a decade Sandra McGuire has been acclaimed for her presentations and workshops on metacognition and student learning because the tools and strategies she shares have enabled faculty to facilitate dramatic improvements in student learning and success. This book encapsulates the model and ideas she has developed in the past fifteen years, ideas that are being adopted by an increasing number of faculty with considerable effect. The methods she proposes do not require restructuring courses or an inordinate amount of time to teach. They can often be accomplished in a single session, transforming students from memorizers and regurgitators to students who begin to think critically and take responsibility for their own learning. Sandra McGuire takes the reader sequentially through the ideas and strategies that students need to understand and implement. First, she demonstrates how introducing students to metacognition and Bloom's Taxonomy reveals to them the importance of understanding how they learn and provides the lens through which they can view learning activities and measure their intellectual growth. Next, she presents a specific study system that can quickly empower students to maximize their learning. Then, she addresses the importance of dealing with emotion, attitudes, and motivation by suggesting ways to change students' mindsets about ability and by providing a range of strategies to boost motivation and learning; finally, she offers

guidance to faculty on partnering with campus learning centers. She pays particular attention to academically unprepared students, noting that the strategies she offers for this particular population are equally beneficial for all students. While stressing that there are many ways to teach effectively, and that readers can be flexible in picking and choosing among the strategies she presents, Sandra McGuire offers the reader a step-by-step process for delivering the key messages of the book to students in as little as 50 minutes. Free online supplements provide three slide sets and a sample video lecture. This book is written primarily for faculty but will be equally useful for TAs, tutors, and learning center professionals. For readers with no background in education or cognitive psychology, the book avoids jargon and esoteric theory.

Grey Literature in Library and Information Studies
Cambridge University Press
This book provides a re-conceptualization of grammar in a period of change in the communication landscape and widening disciplinary knowledge. Drawing on resources in systemic functional linguistics, the book envisions a 'functional grammatics' relevant to disciplinary domains such as literary study, rhetoric and multimodality. It re-imagines the possibilities of grammar for school English through Halliday's notion of grammatics. Functional Grammaticals is founded on

decades of research inspired by systemic functional linguistics, and includes studies of grammatical tools useful to teachers of English, research into visual and multimodal literacies and studies of the genre-grammar connection. It aims to be useful to the interpretation and composition of texts in school English, portable in design across texts and contexts and beneficial for language development. The book will be of interest to researchers and teacher educators, as well as undergraduate and postgraduate students and practicing teachers committed to evidence-based professional development.

Systems Electrochemistry Bloomsbury Publishing USA

Presents the major theoretical approaches to genre in applied linguistics, ESL/EFL pedagogies, rhetoric, and composition studies throughout the world; describes how research and pedagogy relate to each of these perspectives; discusses applications.

Introductory Nuclear Physics Peter Lang Group Ag, International Academic Publishers

Updated and enhanced, the second edition of this text provides both library students and practitioners with a thorough understanding of procedural and philosophical approaches in acquisitions management. Since the last edition of this text was published over a decade ago, library acquisitions practices have changed dramatically in response to economic and industry changes and the

introduction and maturation of new technologies. An essential tool kit, this updated edition covers every aspect of current acquisitions management from organization of acquisitions departments to professional ethics. The step-by-step guide takes you through acquisitions department activities from the beginning of the ordering process through making materials available to the public. You'll learn about the latest acquisitions systems, negotiating bids and RFPs, gifts and exchange, and decisions of permanence. In addition, the book provides expert guidance on relationships with vendors as well as on the publishing industry in general. Key among the updates to this second edition is information about major changes that have occurred recently, including what's new in integrated library systems, electronic resource management, and patron- and demand-driven acquisitions. An appendix offers a wealth of resources on topics related to acquisitions and includes a comprehensive glossary.

Calculus John Wiley & Sons

A highly respected physicist demonstrates that the essential beliefs of Christianity are wholly consistent with the laws of physics. Frank Tipler takes an exciting new approach to the age-old dispute about the relationship between science and religion in *The Physics of Christianity*. In reviewing centuries of writings and discussions, Tipler realized that in all the debate about science versus religion, there was no serious scientific research into central Christian claims and beliefs. So Tipler embarked on just such a scientific inquiry. *The Physics of Christianity* presents the fascinating results of his pioneering study.

Tipler begins by outlining the basic concepts of physics for the lay reader and brings to light the underlying connections between physics and theology. In a compelling example, he illustrates how the God depicted by Jews and Christians, the Uncaused First Cause, is completely consistent with the Cosmological Singularity, an entity whose existence is required by physical law. His discussion of the scientific possibility of miracles provides an impressive, credible scientific foundation for many of Christianity's most astonishing claims, including the Virgin Birth, the Resurrection, and the Incarnation. He even includes specific outlines for practical experiments that can help prove the validity of the "miracles" at the heart of Christianity. Tipler's thoroughly rational approach and fully accessible style sets *The Physics of Christianity* apart from other books dealing with conflicts between science and religion. It will appeal not only to Christian readers, but also to anyone interested in an issue that triggers heated and divisive intellectual and cultural debates.

Quantum Computation and Quantum Information Theory
Routledge

The long-awaited 2nd edition of this best-selling research methods handbook is fully updated and includes brand new coverage of online research methods and techniques, mixed methodology and qualitative analysis. This edition includes two new contributed chapters: Professor Julie McLeod, Sue Childs and Elizabeth Lomas focus on research data

management, applying evidence from the recent JISC funded DATUM project; Dr Andrew Shenton examines strategies for analysing existing documents. The first to focus entirely on the needs of the information and communications community, this handbook guides the would-be researcher through the variety of possibilities open to them under the heading research and provides students with the confidence to embark on their dissertations. The focus here is on the doing and although the philosophy and theory of research is explored to provide context, this is essentially a practical exploration of the whole research process with each chapter fully supported by examples and exercises tried and tested over a whole teaching career. Readership: Students of information and communications studies and archives and records management, and practitioners beginning a piece of research.

Academic Evaluation
Walter de Gruyter

We are pleased to present the Global Edition which has been developed specifically to meet the needs of international students of engineering mechanics. In addition to a precise presentation of the subject illustrated with numerous engineering examples from theory and practice, we have added new material to make the content more relevant and improve learning outcomes for the international student. Used by thousands of students around the globe since its publication in 1981, *Mechanics of Materials*, provides a precise presentation of the subject illustrated with numerous engineering examples that students both understand and relate to theory and application. The tried and true methodology for presenting material gives your student the best opportunity to succeed in this

course. From the detailed examples, to the homework problems, to the carefully developed solutions manual, you and your students can be confident the material is clearly explained and accurately represented.

Digital Consumer Electronics Handbook
World Scientific

An essential resource for LIS master's and doctoral students, new LIS faculty, and academic librarians, this book provides expert guidance and practical examples based on current research about quantitative and qualitative research methods and design. Conducting research and successfully publishing the findings is a goal of many professionals and students in library and information science (LIS). Using the best methodology maximizes the likelihood of a successful outcome.

This outstanding book broadly covers the principles, data collection techniques, and analyses of quantitative and qualitative methods as well as the advantages and limitations of each method to research design. It addresses these research methods and design by discussing the scientific method, sampling techniques, validity, reliability, and ethical concerns along with additional topics such as experimental research design, ethnographic methods, and usability testing. The book presents comprehensive information in a logical, easy-to-follow format, covering topics such as research strategies for library and information science doctoral students; planning for research; defining the problem, forming a theory, and testing the theory; the scientific method of inquiry and data collection techniques; survey research methods and questionnaires; analyzing quantitative data; interview-based research; writing research proposals; and even time management skills. LIS students and professionals can consult the text for instruction on conducting research using this array of tools as well as for guidance in critically

reading and evaluating research publications, proposals, and reports. The explanations and current research examples supplied by discipline experts offer advice and strategies for completing research projects, dissertations, and theses as well as for writing grants, overcoming writer's block, collaborating with colleagues, and working with outside consultants. The answer to nearly any question posed by novice researchers is provided in this book.

The Physics of Christianity Prentice Hall

The Internet has enabled the convergence of all things information-related. This book provides essential, foundational knowledge of the application of Internet and web technologies in the information and library professions. Internet Technologies and Information Services: Second Edition is a vital asset to students preparing for careers in library and information science and provides expanded coverage to important new developments while still covering Internet foundations. In addition to networking, the Internet, HTML, web design, web programming, XML, and web searching, this new edition covers additional topics such as cloud computing, content management systems, eBook technologies, mobile technologies and applications, relational database management systems (RDMS), open source software, and virtual private networking. It also provides information on virtualization and related systems, including desktop virtualization systems. With clear

and simple explanations, the book helps students form a solid, basic IT knowledge that prepares them for more advanced studies in technology. It supplies an introductory history of the Internet and an examination of current trends with specific emphasis on how online information access affects the LIS fields. Author Joseph B. Miller, MSLS, explains Internet protocols and current broadband connectivity options; Internet security issues and steps to take to block threats; building the web with markup languages, programming, and content management systems; and elements of information access on the web: content formats, information retrieval, and Internet search.

Mechanics of Materials Libraries Unlimited

The seventh edition of this frequently adopted textbook features new or expanded sections on social justice research, data analysis software, scholarly identity research, social networking, data science, and data visualization, among other topics. It continues to include discipline experts' voices. The revised seventh edition of this popular text provides instruction and guidance for professionals and students in library and information science who want to conduct research and publish findings, as well as for practicing professionals who want a broad overview of the current literature. Providing a broad introduction to research design, the authors include principles, data collection techniques, and analyses of quantitative and qualitative methods,

as well as advantages and limitations of each method and updated bibliographies. Chapters cover the scientific method, sampling, validity, reliability, and ethical concerns along with quantitative and qualitative methods. LIS students and professionals will consult this text not only for instruction on conducting research but also for guidance in critically reading and evaluating research publications, proposals, and reports. As in the previous edition, discipline experts provide advice, tips, and strategies for completing research projects, dissertations, and theses; writing grants; overcoming writer's block; collaborating with colleagues; and working with outside consultants. Journal and book editors discuss how to publish and identify best practices and understudied topics, as well as what they look for in submissions. Internet Technologies and Information Services John Wiley & Sons

For undergraduate Mechanics of Materials courses in Mechanical, Civil, and Aerospace Engineering departments. Hibbeler continues to be the most student friendly text on the market. The new edition offers a new four-color, photorealistic art program to help students better visualize difficult concepts. Hibbeler continues to have over 1/3 more examples than its competitors, Procedures for Analysis problem solving sections, and a simple, concise writing style. Each chapter is organized into well-defined units that offer instructors great flexibility in course emphasis. Hibbeler combines a fluid writing

style, cohesive organization, outstanding illustrations, and dynamic use of exercises, examples, and free body diagrams to help prepare tomorrow's engineers.

Exploring How Texts Work SAGE

This book explores how academics publically evaluate each others' work.

Focusing on blurbs, book reviews, review articles, and literature reviews, the international contributors to the volume show how writers manage to critically engage with others' ideas, argue their own viewpoints, and establish academic credibility.

The Complete Guide to Acquisitions Management Crown

The further rise of electronic publishing has come to change the scale and diversity of grey literature facing librarians and other information practitioners. This compiled work brings together research and authorship over the past decade dealing with both the supply and demand sides of grey literature. While this book is written with students and instructors of Colleges and Schools of Library and Information Science in mind, it likewise serves as a reader for information professionals working in any and all like knowledge-based communities.

Library Programs and Services Image

This text explores fundamental issues relating to student literacies and instructor roles and practices within academic contexts. It offers a brief history of literacy theories and argues for "socioliterate" approaches to teaching and learning in which texts are viewed as primarily socially constructed. Central to socioliteracy, the concepts "genre" and "discourse community," are presented in detail.

The author argues for roles for literacy practitioners in which they and their students conduct research and

are involved in joint pedagogical endeavors. The final chapters are devoted to outlining how the views presented can be applied to a variety of classroom texts. Core curricular design principles are outlined, and three types of portfolio-based academic literacy classrooms are described.

Introduction to FORTRAN 77 and the Personal Computer McGraw-Hill Professional Publishing

"Principles of Polymer Science introduces several basic and advanced aspects of polymers for the undergraduate and graduate students in chemistry, chemical engineering and materials science.

The second and thoroughly revised edition includes the technical aspects of synthesis, characterization, behaviour and technology in a straightforward and lucid manner. Separate chapters on natural, inorganic and specialty polymers would attract readers from interdisciplinary courses." --BOOK JACKET.

Lugbara Proverbs McGraw-Hill Companies

Designed for a first course in strength of materials, Applied Strength of Materials has long been the bestseller for Engineering Technology programs because of its comprehensive coverage, and its emphasis on sound fundamentals, applications, and problem-solving techniques. The combination of clear and consistent problem-solving techniques, numerous end-of-chapter problems, and the integration of both analysis and design approaches to strength of materials principles prepares students for subsequent courses and professional practice. The fully updated Sixth Edition. Built around an educational philosophy

that stresses active learning, consistent reinforcement of key concepts, and a strong visual component, Applied Strength of Materials, Sixth Edition continues to offer the readers the most thorough and understandable approach to mechanics of materials.

Research Methods in Library and Information Science Bloomsbury Publishing USA

Here is the most comprehensive guide to today's fast-changing world of digital consumer electronics. The handbook offers you complete details on key enabling technologies, standards, delivery and reception systems, imaging and audio products, information and communications products, appliances, and residential automation. Packed with 650 illustrations, this surefire reference covers optical disk systems...the digital video disk (DVD)...HDTV...digital cable systems...video dialtone...digital VCRs and camcorders...digital photography...CD players...PCs...and much more!

Research Methods in Information
Edward Elgar Publishing

Is there a higher power in the universe? What happens to us when we die? Leading physicist Frank J. Tipler tackles these questions and more in an astonishing and profoundly important book that scientifically proves the existence of God and the physical resurrection of the dead.