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## KEY=PRINCIPLES - LOWERY JOSHUA

## PRINCIPLES OF EFFECTIVE ONLINE TEACHING

Informing Science

## TALIS CREATING EFFECTIVE TEACHING AND LEARNING ENVIRONMENTS FIRST RESULTS FROM TALIS

## FIRST RESULTS FROM TALIS

**OECD Publishing This publication is the first report from the OECD's Teaching and Learning International Survey (TALIS). It provides quantitative, policy-relevant information on the teaching and learning environment in schools in 23 countries.**

## ONLINE TEACHING IN K-12

## MODELS, METHODS, AND BEST PRACTICES FOR TEACHERS AND ADMINISTRATORS

**Information Today**

## ONLINE TEACHING AND LEARNING IN HIGHER EDUCATION

**Springer Nature This book is to explores a variety of facets of online learning environments to understand how learning occurs and succeeds in digital contexts and what teaching strategies and technologies are most**

suited to this format. Business, health, government and education are some of the core sectors of society which have been experiencing deep transformations due to a generalized digitalization. While these changes are not novel, the swift progress of technology and the rising complexity of digital environments place a focus on the need for further research and novel strategies. In the context of education, the promise of increased flexibility and broader access to educational resources is impelling much of higher education's course offerings to online environments. The 21st century learner requires an education that can be pursued anytime and anywhere and that is more aligned with the demands of a digital society. Online education not only assists students to success-fully integrate a workforce that is increasingly digital, but it helps them to become more comfortable with the use of technology in general and, hence, more prepared to be prolific digital citizens. The variety of settings portrayed in this volume attest to the unlimited opportunities afforded by online learning and serve as valuable evidence of its benefit for students' educational experience. Moreover, these research efforts assist a more comprehensive reflection about the delivery of higher education in the context of online settings.

## ONLINE TEACHING AT ITS BEST

## MERGING INSTRUCTIONAL DESIGN WITH TEACHING AND LEARNING RESEARCH

John Wiley & Sons Bring pedagogy and cognitive science to online learning environments Online Teaching at Its Best: A Merger of Instructional Design with Teaching and Learning Research is the scholarly resource for online learning that faculty, instructional designers, and administrators have long been awaiting. Over 70 percent of degree-granting institutions offer online classes, and while technical resources abound, the courses often fall short of integrating the best practices in online pedagogy, even if they comply with online course design standards. Typically these standards omit the best practices in teaching and learning and the principles from cognitive science, leaving students struggling to keep the pace, understand the material, and fulfill their true potential as learners. This book fills the gap, providing evidence-based practices for online teaching, online course design, and online student motivation integrated with pedagogical and cognitive science to help you build the distance learning courses and programs your students deserve. As more and more students opt for distance learning, it's up to designers and instructors to rethink traditional methods and learn to work more effectively within the online learning environment, and up to administrators to provide the needed leadership. Online Teaching at Its Best provides practical, real-world advice grounded in educational science to help online instructors, instructional designers, and administrators deliver an exceptional learning experience. Adopt new pedagogical techniques designed specifically for online learning

environments Ensure strong course alignment and effective student learning for online classes Increase student retention, build necessary support structures, and train faculty more effectively Integrate research-based course design and cognitive psychology into graduate or undergraduate programs Distance is no barrier to a great education; what do stand in the way are inadequate online course design and implementation and deficient faculty training and support—all of which administrators can mitigate. Online Teaching at Its Best will help you ensure that your online classes measure up to the rigor and quality of excellence in teaching and assessment, build in the personal touch for developing a learning community and equip your students to succeed in the next challenge.

## THE THEORY AND PRACTICE OF ONLINE LEARNING

Athabasca University Press Neither an academic tome nor a prescriptive 'how to' guide, The Theory and Practice of Online Learning is an illuminating collection of essays by practitioners and scholars active in the complex field of distance education. Distance education has evolved significantly in its 150 years of existence. For most of this time, it was an individual pursuit defined by infrequent postal communication. But recently, three more developmental generations have emerged, supported by television and radio, teleconferencing, and computer conferencing. The early 21st century has produced a fifth generation, based on autonomous agents and intelligent, database-assisted learning, that has been referred to as Web 2.0. The second edition of "The Theory and Practice of Online Learning" features updates in each chapter, plus four new chapters on current distance education issues such as connectivism and social software innovations.

## HANDBOOK OF RESEARCH ON WRITING AND COMPOSING IN THE AGE OF MOOCS

IGI Global The development of online learning environments has enhanced the availability of educational opportunities for students. By implementing effective curriculum strategies, this ensures proper quality and instruction in online settings. The Handbook of Research on Writing and Composing in the Age of MOOCs is a critical reference source that overviews the current state of larger scale online courses and the latest competencies for teaching writing online. Featuring comprehensive coverage across a range of perspectives on teaching in virtual classrooms, such as MOOC delivery models, digital participation, and user-centered instructional design, this book is ideal for educators, professionals, practitioners, academics, and researchers interested in the latest material on writing and composition strategies for online classrooms.

## THE COMPLETE STEP-BY-STEP GUIDE TO DESIGNING AND TEACHING ONLINE COURSES

Teachers College Press In this valuable resource, experts share deep knowledge including practical "how-to" and preventive trouble-shooting tips. Instructors will learn about course design and development, instructional methods for online teaching, and student engagement and community building techniques. The book contains successful teaching strategies, guidance for facilitating interactions and responding to diversity, and assessments, as well as future directions for online learning. With many field-tested examples and practice assignments, and with voices from students, teachers, and experts, this book arms instructors and administrators with the tools they need to teach effective and empowering online courses. This one-stop resource addresses all of the core elements of online teaching in terms that are universally applicable to any content area and at any instructional level. "A rare book in education: one that is not only highly useful but also intellectually coherent and based on robusta>, transferable principles of learning and teaching. All educators—in online environments and in brick-and-mortar schools—will find this an invaluable resource." —From the Foreword by Grant Wiggins "We now know we can get increased participation with online tools to make thinking more visible and switch the traditional delivery of instruction to personalize learning. While it is inevitable that online learning will become an important skill for everyone, the ideas, concepts, strategies, design elements, and tools in the book by Thormann and Zimmerman can also be applied to blended learning." —Alan November, Senior Partner and Founder, November Learning "The authors of this book have created an excellent resource for anyone interested in becoming an online instructor or improving his or her skills in online teaching. The authors share a wealth of step-by-step activities, examples of assignments and teaching strategies that will guide both novice and experienced teachers as they expand their skills into the online realm. Even as a 'veteran' online instructor the book provided me with new ideas to try in my next online class." —Sam Gladstein, Coordinator, Edmonds eLearning Program at Edmonds School District, WA "Cheers to Thormann and Zimmerman for providing a must-read for online teaching. This clear and practical guide takes the instructor from design to implementation of online courses. The authors remove the anxiety about online teaching for those thinking about on-screen instruction, and provide new thinking and examples for those already immersed in it. It is a great guide for those entering the field and a superb resource for those actively engaged in it." —Anthony J. Bent, Chairman, Global Studies-21st Century Skills Committee of the Massachusetts Association of School Superintendents Book Features: The building blocks necessary to create a successful online course. The know-how of long-time online instructors. Models for Skype conferencing with groups of students. Templates for course building,

including sample assignments, activities, assessments, and emails. Detailed treatment of diversity in the online environment Joan Thormann is professor in the division of Technology in Education at Lesley University, Cambridge, Massachusetts. She edits a column on technology and special needs for Learning and Leading with Technology. Isa Kaftal Zimmerman is the principal of IKZ Advisors in Boston, Massachusetts, an educational consulting firm serving educators and stakeholders in the Science, Technology, Engineering, and Mathematics (STEM) fields.

## HANDBOOK OF RESEARCH ON TECHNOLOGY-CENTRIC STRATEGIES FOR HIGHER EDUCATION ADMINISTRATION

IGI Global Although the advancement of educational technologies is often discussed in a teaching capacity, the administration aspect of this research area is often overlooked. Studying the impact technology has on education administration not only allows us to become familiar with the most current trends and techniques in this area, but also allows us to discover the best way forward in all aspects of education. The Handbook of Research on Technology-Centric Strategies for Higher Education Administration is a pivotal resource covering the latest scholarly information on the application of digital media among aspects of tertiary education administration such as policy, governance, marketing, leadership, and development. Featuring extensive coverage on a broad range of topics and perspectives including virtual training, blogging, and e-learning, this book is ideally designed for policy makers, researchers, and educators seeking current research on administrative-based technology applications within higher education.

## TEACHING PSYCHOLOGY

## AN EVIDENCE-BASED APPROACH

John Wiley & Sons A guide to an evidence-based approach for teaching college-level psychology courses Teaching Psychology offers an evidence-based, student-centered approach that is filled with suggestions, ideas, and practices for teaching college-level courses in ways that contribute to student success. The authors draw on current scientific studies of learning, memory, and development, with specific emphasis on classroom studies. The authors offer practical advice for applying scholarly research to teaching in ways that maximize student learning and personal growth. The authors endorse the use of backward course design, emphasizing the importance of identifying learning goals (encompassing skills and knowledge) and how to assess them, before developing the appropriate curriculum for achieving these goals. Recognizing the diversity of today's student population, this book offers guidance for culturally responsive, ethical teaching. The text explores techniques for teaching critical thinking, qualitative and quantitative reasoning, written and oral

communication, information and technology literacy, and collaboration and teamwork. The authors explain how to envision the learning objectives teachers want their students to achieve and advise how to select assessments to evaluate if the learning objectives are being met. This important resource: Offers an evidence-based approach designed to help graduate students and new instructors embrace a student-centered approach to teaching; Contains a wealth of examples of effective student-centered teaching techniques; Surveys current findings from the Scholarship of Teaching and Learning; Draws on the American Psychological Association's five broad goals for the undergraduate Psychology major and shows how to help students build life-long skills; and, Introduces Universal Design for Learning as a framework to support diverse learners. Teaching Psychology offers an essential guide to evidence-based teaching and provides practical advice for becoming an effective teacher. This book is designed to help graduate students, new instructors, and those wanting to update their teaching methods. It is likely to be particularly useful for instructors in psychology and other social science disciplines.

## EVALUATING ONLINE TEACHING

## IMPLEMENTING BEST PRACTICES

John Wiley & Sons Create a more effective system for evaluating online faculty Evaluating Online Teaching is the first comprehensive book to outline strategies for effectively measuring the quality of online teaching, providing the tools and guidance that faculty members and administrators need. The authors address challenges that colleges and universities face in creating effective online teacher evaluations, including organizational structure, institutional governance, faculty and administrator attitudes, and possible budget constraints. Through the integration of case studies and theory, the text provides practical solutions geared to address challenges and foster effective, efficient evaluations of online teaching. Readers gain access to rubrics, forms, and worksheets that they can customize to fit the needs of their unique institutions. Evaluation methods designed for face-to-face classrooms, from student surveys to administrative observations, are often applied to the online teaching environment, leaving reviewers and instructors with an ill-fitted and incomplete analysis. Evaluating Online Teaching shows how strategies for evaluating online teaching differ from those used in traditional classrooms and vary as a function of the nature, purpose, and focus of the evaluation. This book guides faculty members and administrators in crafting an evaluation process specifically suited to online teaching and learning, for more accurate feedback and better results. Readers will: Learn how to evaluate online teaching performance Examine best practices for student ratings of online teaching Discover methods and tools for gathering informal feedback Understand the online teaching evaluation life cycle The

book concludes with an examination of strategies for fostering change across campus, as well as structures for creating a climate of assessment that includes online teaching as a component. Evaluating Online Teaching helps institutions rethink the evaluation process for online teaching, with the end goal of improving teaching and learning, student success, and institutional results.

## ONLINE TEACHING AT ITS BEST

## MERGING INSTRUCTIONAL DESIGN WITH TEACHING AND LEARNING RESEARCH

John Wiley & Sons Bring pedagogy and cognitive science to online learning environments Online Teaching at Its Best: Merging Instructional Design with Teaching and Learning Research, 2nd Edition, is the scholarly resource for online learning that faculty, instructional designers, and administrators have raved about. This book addresses course design, teaching, and student motivation across the continuum of online teaching modes—remote, hybrid, hyflex, and fully online—integrating these with pedagogical and cognitive science, and grounding its recommendations in the latest research. The book will help you design or redesign your courses to ensure strong course alignment and effective student learning in any of these teaching modes. Its emphasis on evidence-based practices makes this one of the most scholarly books of its kind on the market today. This new edition features significant new content including more active learning formats for small groups across the online teaching continuum, strategies and tools for scripting and recording effective micro-lectures, ways to integrate quiz items within micro-lectures, more conferencing software and techniques to add interactivity, and a guide for rapid transition from face-to-face to online teaching. You'll also find updated examples, references, and quotes to reflect more evolved technology. Adopt new pedagogical techniques designed specifically for remote, hybrid, hyflex, and fully online learning environments Ensure strong course alignment and effective student learning for all these modes of instruction Increase student retention, build necessary support structures, and train faculty more effectively Integrate research-based course design and cognitive psychology into graduate or undergraduate programs Distance is no barrier to a great education. Online Teaching at Its Best provides practical, real-world advice grounded in educational and psychological science to help online instructors, instructional designers, and administrators deliver an exceptional learning experience even under emergency conditions.

## EFFECTIVE PRACTICES IN ONLINE TEACHER PREPARATION FOR LITERACY EDUCATORS

IGI Global Online education has become a prevalent means of program and course delivery, especially within teacher education programs. However,

the lack of preparation in online design is concerning, especially in the field of teacher education where the focus is preparing preservice and practicing teachers to implement effective, evidence-based instructional strategies. Effective Practices in Online Teacher Preparation for Literacy Educators is an essential scholarly resource that shares innovative ideas for translating face-to-face reading/literacy specialist preparation into effective online instruction for courses in literacy education. Highlighting various topics such as instructional design, teacher education, and literacy assessment, this book is ideal for instructors, curriculum developers, instructional designers, IT specialists, education professionals, instructors, administrators, academicians, and researchers.

## CERTIFIED NURSE EDUCATOR (CNE) REVIEW MANUAL

## SECOND EDITION

Springer Publishing Company Print+CourseSmart

## HANDBOOK OF RESEARCH ON DEVELOPING ENGAGING ONLINE COURSES

IGI Global Online instruction is rapidly expanding the way professors think about and plan instruction. In addition, online instructional practices are expanding and changing as new tools and strategies are adopted. It is imperative that programs and institutions of higher education explore increased online options that align with best practices to develop effective and engaging online courses. The Handbook of Research on Developing Engaging Online Courses is an essential research publication that provides multiple perspectives on improving student engagement and success in online courses. This book includes topics focused on the online learner, online course content, and effective online instruction. The content contained within the title is ideal for curriculum developers, instructional designers, IT consultants, deans, chairs, teachers, administrators, academicians, researchers, and students.

## EFFECTIVE BLENDED LEARNING PRACTICES: EVIDENCE-BASED PERSPECTIVES IN ICT-FACILITATED EDUCATION

## EVIDENCE-BASED PERSPECTIVES IN ICT-FACILITATED EDUCATION

IGI Global Provides insight into the practice of blended learning in higher education.

## HANDBOOK OF RESEARCH ON EFFECTIVE ONLINE LANGUAGE TEACHING IN A DISRUPTIVE ENVIRONMENT

IGI Global The COVID-19 pandemic radically and rapidly, and perhaps forever, changed the K-20 educational landscape. In March 2020, K-12 schools and institutions of higher education were forced to pivot quickly to

online and remote teaching. This new paradigm resulted in many teachers, regardless of content area, being unprepared. In the field of second language teaching and learning, world language and TESOL educators require the investigation of techniques used during the global pandemic to ensure continued success in online teaching practice. The Handbook of Research on Effective Online Language Teaching in a Disruptive Environment provides strong and cogent guidance in the use of pedagogically sound methods of online language instruction. This book builds an innovative knowledge base about teaching during disruptive times in the context of K-20 language learning that is supported with empirical evidence. Covering topics such as online work engagement, reflective practice, and flipped classroom methods, this handbook serves as a powerful resource for instructors of English language arts and TESOL, TESOL professionals, pre-service teachers, professors, administrators, instructional designers, curriculum developers, students, researchers, and academicians.

## HANDBOOK OF COLLEGE AND UNIVERSITY TEACHING

## A GLOBAL PERSPECTIVE

SAGE Handbook of College and University Teaching: A Global Perspective presents international perspectives on critical issues impacting teaching and learning in diverse higher education environments, all with a unique global view. The need to understand learning and teaching from multiple cultural perspectives has become critically important in educating the next generation of college students. Education experts from around the world share their perspectives on college and university teaching, illuminating international differences and similarities. The chapters are organized around a model developed by James Groccia, which focuses on seven interrelated variables, including teacher, learner, learning process, learning context, course content, instructional processes, and learning outcomes. Using this logical model as the organizational structure of the book provides a guide for systemic thinking about what actions one should take, or suggest others take, when planning activities to improve teaching and learning, curriculum development, and assessment.

## THE MUSIC PROFESSOR ONLINE

Oxford University Press The Music Professor Online is a practical volume that provides a window into online music instruction in higher education. Author Judith Bowman highlights commonalities between online and face-to-face teaching, presents a theoretical framework for online learning, and provides practical models and techniques based on interviews with professors teaching online in various music disciplines. This book offers keys for thinking about music education in a post-COVID world, when the importance and interest of online education is of central concern. Part I

reviews the growth and significance of online learning and online learning in music, identifies similarities and differences between face-to-face and online teaching, and presents standards and principles for online instruction. It explores development of an online teaching persona, explains teaching presence, and emphasizes the central role of the instructor as director of learning, always in relation to specific disciplines and their signature pedagogies. Part II focuses on the lived online curriculum, featuring online teaching experiences in key fields by professors teaching them online. Bowman explores specific disciplines and their signature pedagogies together with practitioner profiles that provide insights into the thinking and techniques of excellent online music instructors, together with recommendations for prospective online instructors and lessons drawn from the field. Part III summarizes recommendations and lessons from online practitioners, presents an action plan for moving forward with online music instruction, and looks to the future of online instruction in music. Educators will find great use in this comprehensive, thoughtful compendium of reflections from a leading, longtime online music educator.

## BEYOND THE ONLINE COURSE

### LEADERSHIP PERSPECTIVES ON E-LEARNING

IAP Beyond the Online Course: Leadership Perspectives on e-Learning addresses a need for the growing body of professionals who are called upon to lead the online/distance learning efforts at their various organizations. It will also be of interest to those wishing to prepare for leadership positions or who are engaged in research and study of issues "beyond the online course." The book brings together scholarly and practice-based writings from the pages of the Quarterly Review of Distance Education and Distance Learning for Educators, Trainers and Leaders.

## HOW LEARNING WORKS

### SEVEN RESEARCH-BASED PRINCIPLES FOR SMART TEACHING

John Wiley & Sons Praise for How Learning Works "How Learning Works is the perfect title for this excellent book. Drawing upon new research in psychology, education, and cognitive science, the authors have demystified a complex topic into clear explanations of seven powerful learning principles. Full of great ideas and practical suggestions, all based on solid research evidence, this book is essential reading for instructors at all levels who wish to improve their students' learning." —Barbara Gross Davis, assistant vice chancellor for educational development, University of California, Berkeley, and author, Tools for Teaching "This book is a must-read for every instructor, new or experienced. Although I have been teaching for almost thirty years, as I read this book I found myself resonating with many of its ideas, and I discovered new ways of thinking

about teaching." —Eugenia T. Paulus, professor of chemistry, North Hennepin Community College, and 2008 U.S. Community Colleges Professor of the Year from The Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education "Thank you Carnegie Mellon for making accessible what has previously been inaccessible to those of us who are not learning scientists. Your focus on the essence of learning combined with concrete examples of the daily challenges of teaching and clear tactical strategies for faculty to consider is a welcome work. I will recommend this book to all my colleagues." —Catherine M. Casserly, senior partner, The Carnegie Foundation for the Advancement of Teaching "As you read about each of the seven basic learning principles in this book, you will find advice that is grounded in learning theory, based on research evidence, relevant to college teaching, and easy to understand. The authors have extensive knowledge and experience in applying the science of learning to college teaching, and they graciously share it with you in this organized and readable book." —From the Foreword by Richard E. Mayer, professor of psychology, University of California, Santa Barbara; coauthor, e-Learning and the Science of Instruction; and author, Multimedia Learning

## A CRITICAL GUIDE TO THE SEND CODE OF PRACTICE 0-25 YEARS (2015)

Critical Publishing This is a practical guide for trainees, teachers and other health and social care professionals working with children and young people who present with special educational needs or disability. It will also be of use to parents / carers and families of these children. The text sets out the statutory roles and responsibilities for all those involved as detailed in the code of practice and helps practitioners to understand and interpret these in context through case studies and critical insights. It fills the gap between policy and practice for all those working in this area from primary through to FE. It enables professionals and practitioners to identify complexity and dilemmas, understand perspectives that may be different from their own, and provides theoretical frameworks to encourage and support critical thinking and reflection.

## ADVANCES IN INFORMATICS AND COMPUTING IN CIVIL AND CONSTRUCTION ENGINEERING

## PROCEEDINGS OF THE 35TH CIB W78 2018 CONFERENCE: IT IN DESIGN, CONSTRUCTION, AND MANAGEMENT

Springer This proceedings volume chronicles the papers presented at the 35th CIB W78 2018 Conference: IT in Design, Construction, and Management, held in Chicago, IL, USA, in October 2018. The theme of the conference focused on fostering, encouraging, and promoting research and development in the application of integrated information technology (IT)

throughout the life-cycle of the design, construction, and occupancy of buildings and related facilities. The CIB – International Council for Research and Innovation in Building Construction – was established in 1953 as an association whose objectives were to stimulate and facilitate international cooperation and information exchange between governmental research institutes in the building and construction sector, with an emphasis on those institutes engaged in technical fields of research. The conference brought together more than 200 scholars from 40 countries, who presented the innovative concepts and methods featured in this collection of papers.

## PREDICTIVE AND PREVENTIVE MEASURES FOR COVID-19 PANDEMIC

Springer Nature This book explores the inputs with regard to individuals and companies who have developed technologies and innovative solutions, bioinformatics, datasets, apps for diagnosis, etc., that can be leveraged for strengthening the fight against coronavirus. It focuses on technology solutions to stop Covid-19 outbreak and mitigate the risk. The book contains innovative ideas from active researchers who are presently working to find solutions, and they give insights to other researchers to explore the innovative methods and predictive modeling techniques. The novel applications and techniques of established technologies like artificial intelligence (AI), Internet of things (IoT), big data, computer vision and machine learning are discussed to fight the spread of this disease, Covid-19. This pandemic has triggered an unprecedented demand for digital health technology solutions and unleashing information technology to win over this pandemic.

## ENCYCLOPEDIA OF DISTANCE LEARNING, SECOND EDITION

IGI Global Offers comprehensive coverage of the issues, concepts, trends, and technologies of distance learning.

## INCREASING PRODUCTIVITY AND EFFICIENCY IN ONLINE TEACHING

IGI Global Distance learning has become very popular in recent years, making evident some of the problems inherent to online classes as they are today. High attrition rates, driven in part by student isolation and low satisfaction, have plagued online courses. For an online class to succeed, it must be built upon engaging media and meaningful interaction. Increasing Productivity and Efficiency in Online Teaching provides a reference for educators in virtual classrooms and enumerates strategies to foster instructor engagement and support. Because co-construction of information, opposed to rote memorization of disseminated facts, engages students and develops critical thinking skills, online education must shift to reflect this. Drawing from learning theory, this publication focuses on the ways educators can shape their online classes to best suit their students and leave them with knowledge and course satisfaction. This book is recommended for researchers, developers, students of education,

administrators, and online educators in all subject areas.

## AN INTRODUCTION TO MEDICAL TEACHING

## THE FOUNDATIONS OF CURRICULUM DESIGN, DELIVERY, AND ASSESSMENT

Springer Nature

## DESIGNING EFFECTIVE DISTANCE AND BLENDED LEARNING ENVIRONMENTS IN K-12

IGI Global It has quickly become apparent in the past year that online learning is not only an asset, but it is critical to the continued education of youth during times of crisis. However, districts and schools across the nation are in need of guidance and practical, research-backed approaches to distance and hybrid learning. The current COVID-19 crisis has demonstrated that effective learning in K-12 is possible, but many districts struggled and continue to struggle in achieving that reality. There is also the growing consensus that even if things "return to normal," distance and blended learning strategies should continue to be employed in many ways across the K-12 environment. Designing Effective Distance and Blended Learning Environments in K-12 provides key insights into the ways that school districts and educators from across the world have effectively designed and implemented distance and blended learning approaches to enable and enhance student learning. The diverse collection of authors from various demographics and roles in school systems will benefit readers across a wide spectrum of school community stakeholders. There will also be an emphasis on how research and theory is put into practice, along with an honest discussion of what strategies and actions were successful as well as those that were less so. This book is essential for professionals and researchers working in the field of K-12 education, particularly superintendents, curriculum developers, professional learning designers, school principals, instructional technology specialists, and teachers, as well as administrators, researchers, academicians, and students interested in the effective practices being used in blended learning approaches.

## E-MODERATING

## THE KEY TO TEACHING AND LEARNING ONLINE

Psychology Press Interest in online teaching, learning and training continues to grow, yet one thing remains constant: the key role of the e-moderator in ensuring the quality and success of online learning. This book â€" an online learning classic â€" is essential for anyone teaching online or developing online courses and process. Practical and accessible, E-moderatingis a userâ€™s guide to working effectively in the virtual world, covering key areas including: the why, what and how of e-moderating;

becoming a good e-moderator; the benefits to learners of e-moderating; training to become an effective e-moderator; and featuring a unique collection of resources for practitioners.

## HANDBOOK OF DISTANCE EDUCATION

Routledge This work provides overviews and summaries of the research and practice of distance education in the USA. It addresses such questions as how distance education is best practised at the level of the teacher, as well as the administrator.

## CURRICULUM DEVELOPMENT AND ONLINE INSTRUCTION FOR THE 21ST CENTURY

IGI Global The world of education has undergone major changes within the last year that have pushed online instruction to the forefront of learning. Thanks to the COVID-19 pandemic, online learning has become paramount to the continued and uninterrupted teaching of students and has forced students and teachers alike to adjust to an online learning environment. Though some have already returned to the traditional classroom, or plan to very soon, others have begun to appreciate the value of online education – initiatives that had previously been discussed but never acted upon as they have been in the past year. With plenty of positive and negative aspects, online learning is a complex issue with numerous factors to consider. It is an issue that must be studied and examined in order to improve in the future. Curriculum Development and Online Instruction for the 21st Century examines the issues and difficulties of online teaching and learning, as well as potential solutions and best practices. This book includes an examination on the value of teaching fully via the internet as well as the challenges inherent in the training of teachers to teach in online environments. While addressing key elements of remote learning, such as keeping student data safe, as well as methods in which to engage students, this book covers topics that include assessment tools, teaching deaf students, web technology, and standardized curricula. Ideal for K-12 teachers, college faculty, curriculum developers, instructional designers, educational software developers, administrators, academicians, researchers, and students, this book provides a thorough overview of online education and the benefits and issues that accompany it.

## HANDBOOK OF RESEARCH ON FACULTY DEVELOPMENT FOR DIGITAL TEACHING AND LEARNING

IGI Global Faculty development is currently practiced in a variety of approaches by individuals, committees, and centers of excellence. More research is needed to draw better benefit from these approaches in the impending digital world by taking advantage of digitally enabled teaching and learning. The Handbook of Research on Faculty Development for Digital Teaching and Learning offers holistic and multidisciplinary

approaches to enhancing faculty effectiveness in teaching, boosting motivation, extending knowledge, expanding teaching behaviors, and disseminating skills in digital higher education settings. Featuring a broad range of topics such as faculty learning communities (FLCs), virtual learning environments, and professional development, this book is ideal for educators, educational technologists, curriculum developers, higher education staff, school administrators, principals, academicians, practitioners, and graduate students.

## ACTIVITY THEORY PERSPECTIVES ON TECHNOLOGY IN HIGHER EDUCATION

IGI Global Activity Theory is a tool that can help make sense of the complex changes taking place in higher education because of the integration of technology. Unlike other theories, it allows for a focus that includes elements in the social, cultural, and historical setting in which the technology is used. In addition, it supports consideration of the practices of individual students and educators as well as practices at the institutional level. Activity Theory Perspectives on Technology in Higher Education presents a compelling theory that will be useful for researchers, academics, policy makers, administrators, and instructors interested in understanding and controlling the shifts that are occurring in education due to the integration of technology.

## RESEARCH ANTHOLOGY ON DEVELOPING EFFECTIVE ONLINE LEARNING COURSES

IGI Global In the current educational environment, there has been a shift towards online learning as a replacement for the traditional in-person classroom experience. With this new environment comes new technologies, benefits, and challenges for providing courses to students through an entirely digital environment. With this shift comes the necessary research on how to utilize these online courses and how to develop effective online educational materials that fit student needs and encourage student learning, motivation, and success. The optimization of these online tools requires a deeper look into curriculum, instructional design, teaching techniques, and new models for student assessment and evaluation. Information on how to create valuable online course content, engaging lesson plans for the digital space, and meaningful student activities online are only a few of many current topics of interest for promoting student achievement through online learning. The Research Anthology on Developing Effective Online Learning Courses provides multiple perspectives on how to develop engaging and effective online learning courses in the wake of the rapid digitalization of education. This book includes topics focused on online learners, online course content, effective online instruction strategies, and instructional design for the online environment. This reference work is ideal for curriculum developers,

instructional designers, IT consultants, deans, chairs, teachers, administrators, academicians, researchers, and students interested in the latest research on how to create online learning courses that promote student success.

## THE MANIFESTO FOR TEACHING ONLINE

MIT Press An update to a provocative manifesto intended to serve as a platform for debate and as a resource and inspiration for those teaching in online environments. In 2011, a group of scholars associated with the Centre for Research in Digital Education at the University of Edinburgh released "A Manifesto for Teaching Online," a series of provocative statements intended to articulate their pedagogical philosophy. In the original manifesto and a 2016 update, the authors counter both the "impoverished" vision of education being advanced by corporate and governmental edtech and higher education's traditional view of online students and teachers as second-class citizens. The two versions of the manifesto were much discussed, shared, and debated. In this book, the authors have expanded the text of the 2016 manifesto, revealing the sources and larger arguments behind the abbreviated provocations. The book groups the twenty-one statements ("Openness is neither neutral nor natural: it creates and depends on closures"; "Don't succumb to campus envy: we are the campus") into five thematic sections examining place and identity, politics and instrumentality, the primacy of text and the ethics of remixing, the way algorithms and analytics "recode" educational intent, and how surveillance culture can be resisted. Much like the original manifestos, this book is intended as a platform for debate, as a resource and inspiration for those teaching in online environments, and as a challenge to the techno-instrumentalism of current edtech approaches.

## A HANDBOOK FOR TEACHING AND LEARNING IN HIGHER EDUCATION

## ENHANCING ACADEMIC PRACTICE

Routledge First Published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

## QUICK HITS FOR TEACHING WITH TECHNOLOGY

## SUCCESSFUL STRATEGIES BY AWARD-WINNING TEACHERS

Indiana University Press How should I use technology in my courses? What impact does technology have on student learning? Is distance learning effective? Should I give online tests and, if so, how can I be sure of the integrity of the students' work? These are some of the questions that instructors raise as technology becomes an integral part of the educational experience. In Quick Hits for Teaching with Technology, award-winning instructors representing a wide range of academic disciplines describe their strategies for employing technology to achieve learning objectives.

They include tips on using just-in-time teaching, wikis, clickers, YouTube, blogging, and GIS, to name just a few. An accompanying interactive website enhances the value of this innovative tool.

## BEST PRACTICES IN ONLINE TEACHING AND LEARNING ACROSS ACADEMIC DISCIPLINES

University of Virginia Press Online teaching and learning has surged in recent years, and faculty who normally teach in face-to-face settings are increasingly called upon to teach blended, hybrid, and fully online courses. Best Practices in Online Teaching and Learning across Academic Disciplines provides insights from experienced university teachers and scholars across multiple disciplines—including social sciences, humanities, natural sciences, mathematics, and professional programs such as nursing, education, and business administration—who share innovative practices, pedagogies, and instructional design techniques. This work highlights and features effective, practical, innovative, and engaging best-practices and approaches in online teaching and instructional design that can assist university faculty members and teachers, course designers and developers, and administrators invested and involved in online education. Using a common theme and structure, each chapter is co-authored by faculty members possessing a wealth of experience and credentialing in online teaching and instructional design in the relevant discipline or sub-discipline. Chapters include best-practices, approaches, and techniques within the discipline as well as relevant, innovative, and specific tools and strategies that improve student engagement and outcomes. The book will appeal to faculty members and administrators in higher education teaching or designing online courses or entire online curricula, as well as instructional design staff working with and training faculty. Readers will be especially interested to discover lessons about how contributors have successfully taught and designed courses in disciplines not typically associated with online learning, such as mathematics, composition/writing, drawing, "hard" sciences, and speech, among others. Distributed for George Mason University Press

## DEVELOPING TECHNOLOGY-RICH TEACHER EDUCATION PROGRAMS: KEY ISSUES

## KEY ISSUES

IGI Global "This book offers professional teacher educators a rare opportunity to harvest the thinking of pioneering colleagues spanning dozens of universities, and to benefit from the creativity, scholarship, hard work, and reflection that led them to the models they describe"--Provided by publisher.

## ONLINE LEARNING COMMUNITIES AND TEACHER PROFESSIONAL DEVELOPMENT: METHODS FOR IMPROVED EDUCATION DELIVERY

## METHODS FOR IMPROVED EDUCATION DELIVERY

**IGI Global "This book features innovative applications for the integration of technology into everyday teaching practices"--Provided by publisher.**