



Routledge

Routledge Educational Technology and Instructional Design Books

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Welcome

Welcome to Routledge's virtual AECT 2023 conference hub! We are pleased to present a plethora of books on technology-enhanced learning, instructional design and delivery, distance education, artificial intelligence, emerging digital tools, and more. This catalogue is divided into three sections: textbooks intended for graduate and undergraduate courses, scholarly volumes for researchers and students, and practical books oriented toward technology and design professionals, higher education leaders and faculty, and beyond. Each book can be ordered at a 20% discount using the code EFL03 at checkout. This book list includes a number of publications by AECT members who have made remarkable contributions to foundations, training, and practice across the field. If you, too, would like to propose a book-length contribution to your field, please email Daniel Schwartz, Education Editor, at daniel.schwartz@taylorandfrancis.com.

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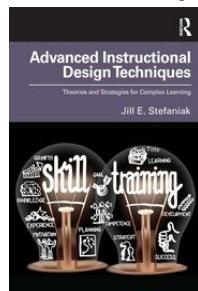


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Advanced Instructional Design Techniques

Theories and Strategies for Complex Learning



Jill E. Stefaniak

Advanced Instructional Design Techniques provides comprehensive coverage of advanced topics in instructional design and development. Emphasizing reflective practice and decision-making in design environments, the book attends to the models and constructs that support context-specific instructional design across learning and training, from higher education and K-12 schooling to business and industry training to healthcare and public-sector services.

Routledge
September 2023:216
Hb: 978-1-032-26183-6: **\$170.00**
Pb: 978-1-032-26203-1: **\$64.95**
eBook: 978-1-003-28704-9

* For full contents and more information, visit: www.routledge.com/9781032262031

Ethics and Educational Technology

Reflection, Interrogation, and Design as a Framework for Practice

ETHICS AND EDUCATIONAL TECHNOLOGY
Reflection, Interrogation, and Design as a Framework for Practice

STEPHANIE L. MOORE AND HEATHER K. TILLBERG-WEBB



Stephanie L. Moore, Heather K. Tillberg-Webb

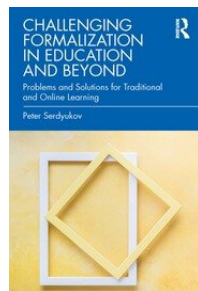
Ethics and Educational Technology explores the creation and implementation of learning technologies through an applied ethical lens. This first-of-its-kind book provides an evidence-based, process-oriented model for ethics in technology-driven instructional design and development, one that necessitates intentional reflective practice, a critical and theoretically informed interrogation of technology, and a participatory, emancipatory approach to technology design and applications.

Routledge
May 2023:328
Hb: 978-0-415-89507-1: **\$160.00**
Pb: 978-0-415-89508-8: **\$62.95**
eBook: 978-0-203-07524-1

* For full contents and more information, visit: www.routledge.com/9780415895088

Challenging Formalization in Education and Beyond

Problems and Solutions for Traditional and Online Learning



Peter Serdyukov

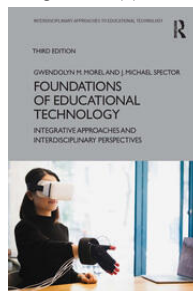
Challenging Formalization in Education and Beyond addresses the effects of today's attempts to organize knowledge, processes, and performance in education, particularly in its ever-growing digital environments. Scholars, educators, administrators, and designers of traditional, asynchronous, precision, automated and micro-learning formats will come away with new insights and pragmatic solutions for engaging students in more active, participatory, and creative activities.

Routledge
November 2022:210
Hb: 978-1-032-26487-5: **\$160.00**
Pb: 978-1-032-26826-2: **\$48.95**
eBook: 978-1-003-29009-4

* For full contents and more information, visit: www.routledge.com/9781032268262

Foundations of Educational Technology

Integrative Approaches and Interdisciplinary Perspectives



Gwendolyn M. Morel, J. Michael Spector

Series: Interdisciplinary Approaches to Educational Technology

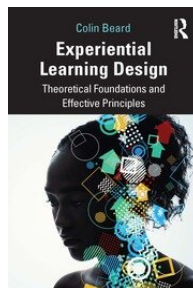
Foundations of Educational Technology offers a fresh, interdisciplinary, problem-centered approach to educational technology, learning design, and instructional systems development. This book provides faculty and graduate students with a conceptual, empirical, and practical basis for the effective use of these systems across contexts. Key additions to this revised and expanded third edition include coverage of the latest learning technologies, research from educational neuroscience, discussions about security and privacy, new attention to diversity, equity, and inclusion, updated activities, support materials, and references, and more.

Routledge
October 2022:278
Hb: 978-1-032-21432-0: **\$160.00**
Pb: 978-1-032-20853-4: **\$62.95**
eBook: 978-1-003-26840-6

* For full contents and more information, visit: www.routledge.com/9781032208534

Experiential Learning Design

Theoretical Foundations and Effective Principles



Colin Beard

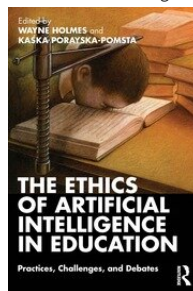
Experiential Learning Design comprehensively demonstrates the key theories and applications for the design of experiential approaches to learning and training. This book's empirically sound, multi-disciplinary approach balances technical-rational and artistic-intuitive design elements to accommodate the complex, often fluctuating capacities of human learning. In-depth chapters cover design principles, social and environmental factors in learning, the importance of senses and emotions, and links between body and brain. This bold, unique perspective shift will enrich the work of learning scientists, instructional designers, educational technologists, and beyond.

Routledge
September 2022:266
Hb: 978-0-367-46756-2: **\$170.00**
Pb: 978-0-367-46653-4: **\$52.95**
eBook: 978-1-003-03086-7

* For full contents and more information, visit: www.routledge.com/9780367466534

The Ethics of Artificial Intelligence in Education

Practices, Challenges, and Debates



Edited By Wayne Holmes, Kaśka Porayska-Pomsta

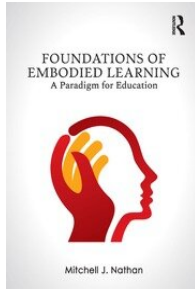
This book identifies and confronts key ethical issues generated over years of AI research, development, and deployment in learning contexts. Adaptive, automated, and data-driven education systems are increasingly being implemented in universities, schools, and corporate training worldwide, but the ethical consequences of engaging with these technologies remain unexplored. Featuring expert perspectives from inside and outside the AIED scholarly community, this book provides AI researchers, learning scientists, educational technologists, and others with questions, frameworks, guidelines, policies, and regulations to ensure the positive impact of artificial intelligence in learning.

Routledge
August 2022:312
Hb: 978-0-367-34971-4: **\$170.00**
Pb: 978-0-367-34972-1: **\$52.95**
eBook: 978-0-429-32906-7

* For full contents and more information, visit: www.routledge.com/9780367349721

Foundations of Embodied Learning

A Paradigm for Education



Mitchell J. Nathan

Foundations of Embodied Learning advances learning, instruction, and the design of educational technologies by rethinking the learner as an integrated system of mind, body, and environment. This book's coherent, evidence-based framework articulates principles of grounded and embodied learning for design and its implications for curriculum, classroom instruction, and student formative and summative assessment for scholars and graduate students of educational psychology, instructional design and technology, cognitive science, the learning sciences, and beyond.

Routledge
September 2021:360
Hb: 978-0-367-34975-2: **\$170.00**
Pb: 978-0-367-34976-9: **\$52.95**
eBook: 978-0-429-32909-8

* For full contents and more information, visit: www.routledge.com/9780367349769

Learning Technologies and User Interaction

Diversifying Implementation in Curriculum, Instruction, and Professional Development



Edited By Kay K. Seo, Scott Gibbons

Learning Technologies and User Interaction explores the complex interplay between educational technologies and those who rely on them to construct knowledge and develop skills. As learning and training continue to move onto digital platforms, tools such as artificial intelligence, predictive analytics, video games, virtual reality, and more hold considerable potential to foster advanced forms of synergy across contexts. Showcasing a variety of contributors who are attuned to today's networked technologies, environments, and learning dynamics, this book is ideal for students and scholars of educational technology, instructional design, professional development, and research methods.

Routledge
September 2021:224
Hb: 978-0-367-53633-6: **\$170.00**
Pb: 978-0-367-54563-5: **\$52.95**
eBook: 978-1-003-08970-4

* For full contents and more information, visit: www.routledge.com/9780367545635

Robots in Education

An Introduction to High-Tech Social Agents, Intelligent Tutors, and Curricular Tools



Fady Alnajjar, Christoph Bartneck, Paul Baxter, Tony Belpaeme, Massimiliano Cappuccio, Cinzia Di Dio, Friederike Eyszel, Jürgen Handke, Omar Mubin, Mohammad Obaid, Natalia Reich-Stiebert

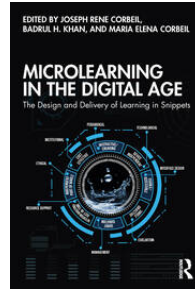
Robots in Education is an accessible introduction to the use of robotics in formal learning, encompassing pedagogical and psychological theories as well as implementation in curricula. This volume explores how the unique physical and social-interactive capabilities of educational robots can generate bonds with students while freeing instructors to focus on their individualized approaches to teaching and learning.

Routledge
July 2021:238
Hb: 978-0-367-69651-1: **\$170.00**
Pb: 978-0-367-65539-6: **\$52.95**
eBook: 978-1-003-14270-6

* For full contents and more information, visit: www.routledge.com/9780367655396

Microlearning in the Digital Age

The Design and Delivery of Learning in Snippets



Edited By Joseph Rene Corbeil, Badrul H. Khan, Maria Elena Corbeil

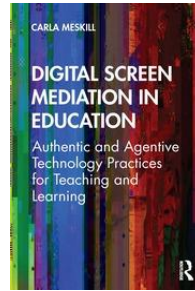
Microlearning in the Digital Age explores the design and implementation of bite-sized learning and training in technology-enabled environments. Grounded in research-based best practices and a robust, eight-dimensional framework, this book applies the latest developments in mobile learning, social media, and instructional/multimedia design to one of today's most innovative and accessible content delivery systems.

Routledge
May 2021:294
Hb: 978-0-367-42080-2: **\$170.00**
Pb: 978-0-367-41051-3: **\$52.95**
eBook: 978-0-367-82162-3

* For full contents and more information, visit: www.routledge.com/9780367410513

Digital Screen Mediation in Education

Authentic and Agentic Technology Practices for Teaching and Learning



Carla Meskill

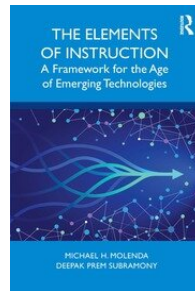
Digital Screen Mediation in Education explores the complex role of visual mediation in today's digitally enhanced classrooms. The book's theoretically reinforced and multidisciplinary approach to enhancing effective instruction with screen-based technologies spans aesthetics, technical knowledge, teacher empowerment, social media, and beyond. Researchers in educational technology, instructional design, online learning, and digital pedagogies as well as prospective and practicing educators will find a rigorous treatment of how skilled, thoughtful teaching with, through, and around digital screens can bring about successful learning outcomes.

Routledge
March 2021:196
Hb: 978-0-367-43416-8: **\$170.00**
Pb: 978-0-367-82121-0: **\$54.95**
eBook: 978-1-003-01359-4

* For full contents and more information, visit: www.routledge.com/9780367821210

The Elements of Instruction

A Framework for the Age of Emerging Technologies



Michael H. Molenda, Deepak Prem Subramony

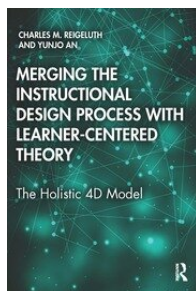
This volume provides a common vocabulary and conceptual schema of teaching and learning that is fully applicable to all forms of instruction in our digital-centric era. The book proposes a new framework for organizing research and theory, clear concepts and definitions for its basic elements, and a new typology of teaching-learning arrangements to simplify the selection of optimal conditions for a variety of learning goals. As trends in media, technology, and methodology continue to evolve, these historically contextual, back-to-basics pedagogical tools will be invaluable to all instructional designers and educational researchers.

Routledge
October 2020:352
Hb: 978-1-138-72102-9: **\$190.00**
Pb: 978-1-138-72107-4: **\$54.95**
eBook: 978-1-315-19472-1

* For full contents and more information, visit: www.routledge.com/9781138721074

Merging the Instructional Design Process with Learner-Centered Theory

The Holistic 4D Model



Routledge
October 2020:242
Hb: 978-0-815-36078-0: \$170.00
Pb: 978-0-815-36079-7: \$62.95
eBook: 978-1-351-11754-8

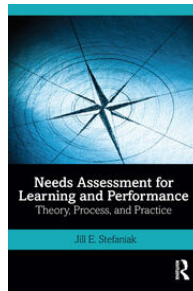
* For full contents and more information, visit: www.routledge.com/9780815360797

Charles M. Reigeluth, Yunjo An

Merging the Instructional Design Process with Learner-Centered Theory brings together the innovations of two previously divided processes—learning design strategies/theories and instructional systems development—into a new introductory textbook. Using a holistic rather than fragmented approach that includes top-level, mid-level, and lower-level design, this volume provides guidance for major topics such as non-instructional interventions, just-in-time analysis, rapid-prototype approaches, and learner-centered, project-based, anytime-anywhere instruction.

Needs Assessment for Learning and Performance

Theory, Process, and Practice



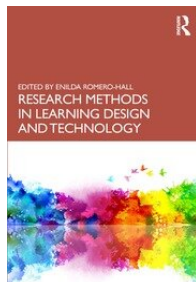
Routledge
August 2020:210
Hb: 978-0-367-25386-8: \$170.00
Pb: 978-0-367-25387-5: \$54.95
eBook: 978-0-429-28751-0

* For full contents and more information, visit: www.routledge.com/9780367253875

Jill E. Stefaniak

This book offers comprehensive coverage of the knowledge and skills needed to develop and conduct needs assessments and to analyze, interpret, and communicate results to clients and organizations. This first-of-its-kind textbook uses a variety of real-world examples to connect major theories and models to effective principles for practice. Each chapter offers guiding questions, key terms and concepts, recommended readings, and case studies. Graduate students and researchers of instructional design, human resources, performance improvement, program evaluation, and other programs will find this volume relevant to a range of academic and organizational contexts.

Research Methods in Learning Design and Technology



Routledge
October 2020:246
Hb: 978-0-367-20326-9: \$170.00
Pb: 978-0-367-20328-3: \$54.95
eBook: 978-0-429-26091-9

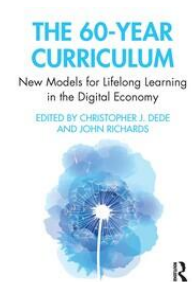
* For full contents and more information, visit: www.routledge.com/9780367203283

Edited By Enilda Romero-Hall

Research Methods in Learning Design and Technology explores the many forms, both new and established, that research takes within the field of instructional design and technology (IDT). This comprehensive, up-to-date volume familiarizes graduate students, faculty, and instructional design practitioners with the full spectrum of approaches available for investigating the new and changing educational landscapes.

The 60-Year Curriculum

New Models for Lifelong Learning in the Digital Economy



Routledge
April 2020:182
Hb: 978-0-367-42319-3: \$170.00
Pb: 978-0-367-82127-2: \$54.95
eBook: 978-1-003-01361-7

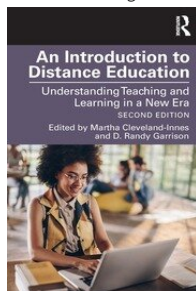
* For full contents and more information, visit: www.routledge.com/9780367821272

Edited By Christopher Dede, John Richards

The 60-Year Curriculum explores models and strategies for lifelong learning in an era of profound economic disruption and reinvention. This cutting-edge book describes the evolution of new models—covering computer science, inclusive design, critical thinking, civics, and more—by which universities can increase learners' trajectories across multiple careers from mid-adolescence to retirement. Stakeholders in workforce development, curriculum and instructional design, lifelong learning, and higher and continuing education will find a unique synthesis offering valuable insights and actionable next steps.

An Introduction to Distance Education

Understanding Teaching and Learning in a New Era



Routledge
September 2020:228
Hb: 978-1-138-05440-0: \$170.00
Pb: 978-1-138-05441-7: \$69.95
eBook: 978-1-315-16689-6

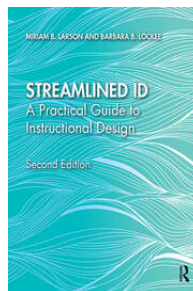
* For full contents and more information, visit: www.routledge.com/9781138054417

Edited By Martha F. Cleveland-Innes, D. Randy Garrison

An Introduction to Distance Education is a comprehensive look at the field of distance education, outlining current theories, practices, and goals that are essential to effective design, delivery, and navigation. As an alternative pedagogical approach, distance education is posited to meet the evolving demands for access, affordability, and quality in higher education. This fully revised and updated second edition reviews the history of distance education while addressing its current influence on the education sector. The book offers a solid foundation from which to explore and develop new approaches to designing and implementing online courses.

Streamlined ID

A Practical Guide to Instructional Design



Routledge
December 2019:442
Hb: 978-0-815-36669-0: \$150.00
Pb: 978-0-815-36670-6: \$89.95
eBook: 978-1-351-25872-2

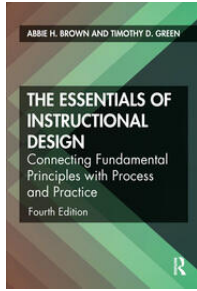
* For full contents and more information, visit: www.routledge.com/9780815366706

Miriam B. Larson, Barbara B. Lockee

Streamlined ID presents a focused and generalizable approach to instructional design and development—one that addresses the needs of ID novices as well as practitioners in a variety of career environments. Highlighting essentials and "big ideas," this guide advocates a streamlined approach to instructional design: producing instruction that is sustainable, optimized, appropriately redundant, and targeted at continuous improvement.

The Essentials of Instructional Design

Connecting Fundamental Principles with Process and Practice



Abbie H. Brown, Timothy D. Green

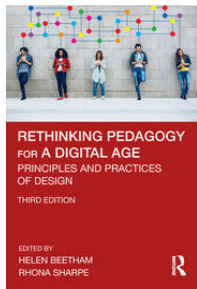
The Essentials of Instructional Design, 4th Edition, introduces the fundamental elements, principles, and practice of instructional design (ID) to students new to ID. Key procedures within the ID process—learner analysis, task analysis, needs analysis, developing goals and objectives, organizing instruction, developing instructional activities, assessing learner achievement, and evaluating the success of the instructional design—are covered comprehensively and enriched with descriptions and examples of how these procedures are accomplished using the best-known models.

Routledge
September 2019:292
Hb: 978-1-138-34259-0: **\$160.00**
Pb: 978-1-138-34260-6: **\$84.95**
eBook: 978-0-429-43969-8

* For full contents and more information, visit: www.routledge.com/9781138342606

Rethinking Pedagogy for a Digital Age

Principles and Practices of Design



Edited By Helen Beetham, Rhona Sharpe

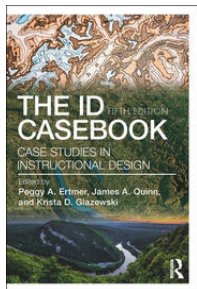
Rethinking Pedagogy for a Digital Age examines contemporary issues in the design and delivery of effective learning through a critical discussion of the theoretical and professional perspectives informing current digital education practice. This third edition has been thoroughly revised to address socio-cultural approaches, learning analytics, curriculum change, and key theoretical developments from education sciences. Illustrated by case studies across disciplines and continents for a diversity of researchers, practitioners, and lecturers, the book is an essential guide to learning technologies that is pedagogically sound, learner-focused, and accessible.

Routledge
July 2019:316
Hb: 978-0-815-36925-7: **\$170.00**
Pb: 978-0-815-36926-4: **\$49.95**
eBook: 978-1-351-25280-5

* For full contents and more information, visit: www.routledge.com/9780815369264

The ID CaseBook

Case Studies in Instructional Design



Edited By Peggy A. Ertmer, James A. Quinn, Krista D. Glazewski

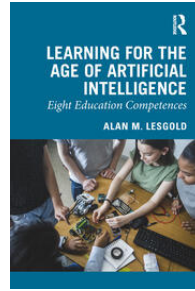
The revised and updated fifth edition of The ID CaseBook provides instructional design students with twenty-six realistic, open-ended case studies that encourage adept problem-solving across a variety of client types and through all stages of the process. After an introduction to the technique of case-based reasoning, the book offers three sections dedicated to K-12, post-secondary, and corporate clients, respectively, each composed of varied, detailed cases created by instructional design experts. The cases and their accompanying discussion questions encourage students to analyze the available information, develop action plans, and consider alternative possibilities in resolving p

Routledge
April 2019:308
Hb: 978-1-138-55229-6: **\$150.00**
Pb: 978-1-138-55230-2: **\$69.95**
eBook: 978-1-315-14808-3

* For full contents and more information, visit: www.routledge.com/9781138552302

Learning for the Age of Artificial Intelligence

Eight Education Competences



Alan M. Lesgold

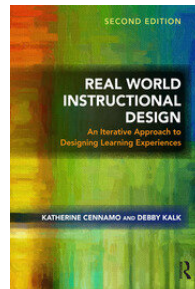
Learning for the Age of Artificial Intelligence is a richly informed argument for curricular change amid the proliferation of intelligent machine systems. Using eight key competencies, this comprehensive volume prepares educational leaders, designers, researchers, and policymakers to effectively rethink the knowledge, skills, and environments that students need to thrive in today's technology-enhanced culture and workforce. Essential insights into school operations, machine learning, complex training and assessment, and economic challenges round out this cogent, relatable discussion about the imminent evolution of the education sector.

Routledge
March 2019:170
Hb: 978-0-367-02436-9: **\$170.00**
Pb: 978-0-367-02437-6: **\$54.95**
eBook: 978-0-429-39966-4

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Real World Instructional Design

An Iterative Approach to Designing Learning Experiences



Katherine Cennamo, Debby Kalk

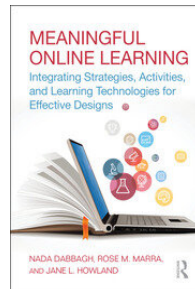
An ideal textbook for instructional designers in training, Real World Instructional Design emphasizes the collaborative, iterative nature of instructional design. Positioning instructional design as a process of simultaneous rather than sequential tasks with learner-centered outcomes, this volume engages with the essential building blocks of systematically designed instruction: learner needs and characteristics, goals and objectives, instructional activities, assessments, and formative evaluations. This streamlined second edition updates its coverage of culture and technologies in learning and presents a more timeless approach to instructional design skills.

Routledge
December 2018:406
Hb: 978-1-138-55989-9: **\$190.00**
Pb: 978-1-138-55990-5: **\$94.95**
eBook: 978-0-203-71220-7

* For full contents and more information, visit: www.routledge.com/9781138559905

Meaningful Online Learning

Integrating Strategies, Activities, and Learning Technologies for Effective Designs



Nada Dabbagh, Rose M. Marra, Jane L. Howland

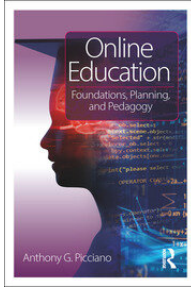
Grounded in constructivist teaching, Meaningful Online Learning is organized around learning processes such as experimenting, writing, community building, communicating, designing, visualizing, and assessing. Numerous examples from teachers in K-12 classrooms offer a clear understanding of how technology can be used with all students across grade levels. The book focuses on balance among learning technologies, instructional strategies, and learning activities, while a companion website provides examples of online learning environments designed to support meaningful learning outcomes.

Routledge
September 2018:224
Hb: 978-1-138-69418-7: **\$190.00**
Pb: 978-1-138-69419-4: **\$68.95**
eBook: 978-1-315-52845-8

* For full contents and more information, visit: www.routledge.com/9781138694194

Online Education

Foundations, Planning, and Pedagogy



Anthony G. Picciano

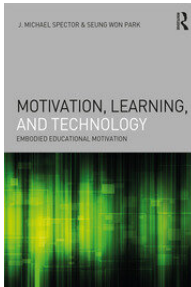
Online Education is a comprehensive exploration of blended and fully online teaching platforms, addressing history, theory, research, planning, and practice. As colleges and universities around the world adopt large-scale technologies and traditional class models shift into seamless, digitally interactive environments, critical insights are needed into the implications for administration and pedagogy. Written by a major contributor to the field, this book contextualizes online education in the past and present before analyzing its fundamental changes to instruction, program integration, social interaction, content construction, networked media, policy, and more.

Routledge
August 2018:214
Hb: 978-0-415-78411-5: **\$170.00**
Pb: 978-0-415-78413-9: **\$54.95**
eBook: 978-1-315-22675-0

* For full contents and more information, visit: www.routledge.com/9780415784139

Motivation, Learning, and Technology

Embodied Educational Motivation



J. Michael Spector, Seung Won Park

Series: *Interdisciplinary Approaches to Educational Technology*

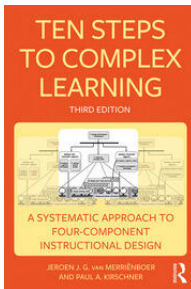
Motivation, Learning, and Technology is a fresh, thorough, and practical introduction to motivational research, theories, and applications for learning and instruction. Written for both instructional designers and teachers, this foundational textbook combines learning design and learning technologies, synthesis of current research and models, and practical advice for those looking to improve how they motivate learners. Building from existing models in an interactional, holistic approach, J. Michael Spector and Seung Won Park guide readers through all steps of educational motivation.

Routledge
December 2017:216
Hb: 978-1-138-68944-2: **\$170.00**
Pb: 978-1-138-68945-9: **\$62.95**
eBook: 978-1-315-53764-1

* For full contents and more information, visit: www.routledge.com/9781138689459

Ten Steps to Complex Learning

A Systematic Approach to Four-Component Instructional Design



Jeroen J. G. van Merriënboer, Paul A. Kirschner

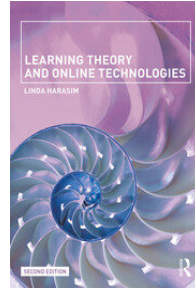
Ten Steps to Complex Learning presents a path from a training problem to a training solution in a way that students, practitioners (both instructional designers and teachers), and researchers can understand and implement. Practitioners can use this book as a reference guide to support their design of courses, materials, or environments for complex learning. Students in the field of instructional design can use this book to broaden their knowledge of the design of training programs for complex learning. This third edition expands its coverage of team tasks, double-blended learning, collaborative learning, and includes new chapters on information problem solving and programs of assessment.

Routledge
October 2017:416
Hb: 978-1-138-08079-9: **\$160.00**
Pb: 978-1-138-08080-5: **\$39.95**
eBook: 978-1-315-11321-0

* For full contents and more information, visit: www.routledge.com/9781138080805

Learning Theory and Online Technologies

Linda Harasim



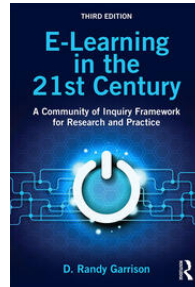
Learning Theory and Online Technologies offers a powerful overview of the current state of elearning, a foundation of its historical roots and growth, and a framework for distinguishing among the major approaches to elearning. An ideal textbook for undergraduate education and communication programs, and Educational Technology Masters and PhD programs, the 2nd edition of Learning Theory and Online Technologies covers key frameworks of research, clearly links theory and research to successful learning practice, and has been updated to provide a synthesis of key advances in elearning theory including coverage of MOOCs, SPOCs, social media, educational apps, and hybrid and online learning.

Routledge
May 2017:212
Hb: 978-1-138-85999-9: **\$200.00**
Pb: 978-1-138-86000-1: **\$56.95**
eBook: 978-1-315-71683-1

* For full contents and more information, visit: www.routledge.com/9781138860001

E-Learning in the 21st Century

A Community of Inquiry Framework for Research and Practice



D. Randy Garrison

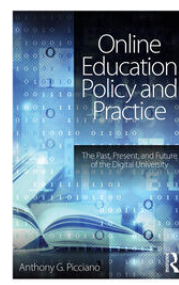
The third edition of E-Learning in the 21st Century provides a coherent, comprehensive, and empirically-based framework for understanding e-learning in higher education. Garrison draws on his decades of experience and extensive research in the field to explore technological, pedagogical, and organizational implications. The third edition has been fully updated throughout and includes new material on learning technologies, MOOCs, blended learning, leadership, and the importance and role of social connections in thinking and learning, highlighting the transformative and disruptive impact that e-learning has recently had on education.

Routledge
October 2016:220
Hb: 978-1-138-95355-0: **\$200.00**
Pb: 978-1-138-95356-7: **\$49.95**
eBook: 978-1-315-66726-3

* For full contents and more information, visit: www.routledge.com/9781138953567

Online Education Policy and Practice

The Past, Present, and Future of the Digital University



Anthony G. Picciano

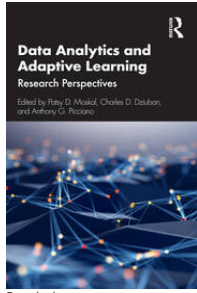
Online Education Policy and Practice examines the past, present, and future of networked learning environments and the changing role of faculty within them. As digital technologies in higher education increasingly enable blended classrooms, collaborative assignments, and wider student access, an understanding of the creation and ongoing developments of these platforms is needed more than ever. By investigating the history of online education, the rise and critique of MOOCs, the mainstreaming of social media, mobile devices, gaming in instruction, and more, this expansive book outlines a variety of potential scenarios likely to become realities in higher education over the next decade.

Routledge
September 2016:240
Hb: 978-1-138-94362-9: **\$210.00**
Pb: 978-1-138-94363-6: **\$56.95**
eBook: 978-1-315-67232-8

* For full contents and more information, visit: www.routledge.com/9781138943636

Data Analytics and Adaptive Learning

Research Perspectives



Edited By Patsy D. Moskal, Charles D. Dziuban, Anthony G. Picciano

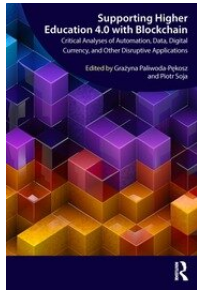
Data Analytics and Adaptive Learning offers new insights into the use of emerging data analysis and adaptive techniques in multiple learning settings. By exploring the issues of definition and pedagogical practice that permeate teaching and learning and concluding with recommendations for the future research and practice necessary to support educators at all levels, this book will prepare researchers, developers, and graduate students of instructional technology to produce evidence for the benefits and challenges of data-driven learning.

Routledge
August 2023:364
Hb: 978-1-032-15039-0: **\$170.00**
Pb: 978-1-032-15470-1: **\$52.95**
eBook: 978-1-003-24427-1

* For full contents and more information, visit: www.routledge.com/9781032154701

Supporting Higher Education 4.0 with Blockchain

Critical Analyses of Automation, Data, Digital Currency, and Other Disruptive Applications



Edited By Grażyna Paliwoda-Pękosz, Piotr Soja

This book provides essential perspectives into blockchain's applications and challenges within education and offers a broader view of blockchain technology against existing information and communication technologies used in education. Spanning the effects on institutions, students, and the labor market, these chapters offer critical reviews and analyses of current research, practical firsthand applications of blockchain in education, and original conceptual models.

Routledge
August 2023:216
Hb: 978-1-032-32897-3: **\$170.00**
Pb: 978-1-032-33212-3: **\$52.95**
eBook: 978-1-003-31873-6

* For full contents and more information, visit: www.routledge.com/9781032332123

Digital Learning in High-Needs Schools

A Critical Approach to Technology Access and Equity in PreK-12



Edited By Heejung An, David A. Fuentes

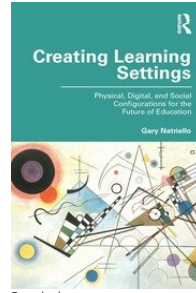
Digital Learning in High-Needs Schools examines the challenges and affordances that arise when high-needs school communities integrate educational technologies into their unique settings. Informed by real-world cases pertaining to technology infrastructure, formative feedback, Universal Design for Learning, and more, these chapters illuminate how best practices emerge from culturally responsive and context-specific foundations.

Routledge
June 2023:258
Hb: 978-1-032-22640-8: **\$170.00**
Pb: 978-1-032-22860-0: **\$52.95**
eBook: 978-1-003-27453-7

* For full contents and more information, visit: www.routledge.com/9781032228600

Creating Learning Settings

Physical, Digital, and Social Configurations for the Future of Education



Gary Natriello

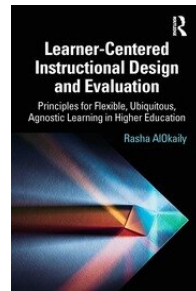
Creating Learning Settings examines the design and implementation of learning settings informed by the newest, most expansive insights into how people learn in the post-industrial age. Integrating contemporary theoretical approaches and empirical studies, this book offers a systematic approach to creating both settings that leverage the physical, digital, resource, and social dimensions necessary to support learning.

Routledge
April 2023:224
Hb: 978-1-032-06853-4: **\$160.00**
Pb: 978-1-032-07116-9: **\$48.95**
eBook: 978-1-003-20543-2

* For full contents and more information, visit: www.routledge.com/9781032071169

Learner-Centered Instructional Design and Evaluation

Principles for Flexible, Ubiquitous, Agnostic Learning in Higher Education



Rasha AIQaily

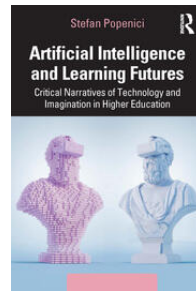
This text offers a forward-thinking, evidence-based vision of technology-enhanced higher education that taps into today's digital access opportunities for more dynamic, agnostic, and inclusive learning experiences. Based in theory and empirical research, this book helps scholars and practitioners to leverage the potential of wireless networked devices to foster flexible learning experiences and device-neutral assignments. Each chapter is rich with real-world course works exemplifying the procedures and principles that will rejuvenate learning amid the globalization, commodification, and massification of higher education.

Routledge
April 2023:146
Hb: 978-1-032-32893-5: **\$160.00**
Pb: 978-1-032-32894-2: **\$48.95**
eBook: 978-1-003-31723-4

* For full contents and more information, visit: www.routledge.com/9781032328942

Artificial Intelligence and Learning Futures

Critical Narratives of Technology and Imagination in Higher Education



Stefan Popenici

Artificial Intelligence and Learning Futures explores the implications of artificial intelligence's adoption in higher education and the challenges to building sustainable instead of dystopic schooling. Leaders, administrators, and faculty as well as technologists and designers will find these provocative and accessible ideas profoundly applicable to their research, decision-making, and concerns.

Routledge
November 2022:228
Hb: 978-1-032-21063-6: **\$160.00**
Pb: 978-1-032-20852-7: **\$48.95**
eBook: 978-1-003-26656-3

* For full contents and more information, visit: www.routledge.com/9781032208527

Digital Futures for Learning

Speculative Methods and Pedagogies



Jen Ross

Digital Futures for Learning offers a methodological and pedagogical way forward for researchers and educators who want to work imaginatively with 'what's next' in higher education and informal learning. Integrating innovative methods, key research findings, engaging theories, and creative pedagogies across multiple disciplines, this book argues for and explores speculative approaches to researching and analysing post-compulsory and informal learning futures—where we are, where we might go, and how to get there.

**DIGITAL FUTURES
FOR LEARNING**
Speculative Methods
and Pedagogies

Jen Ross

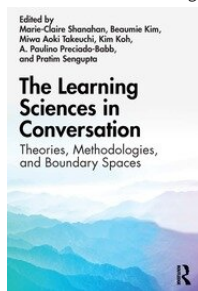


Routledge
November 2022:224
Hb: 978-1-032-06405-5: \$160.00
Pb: 978-1-032-05812-2: \$48.95
eBook: 978-1-003-20213-4

* For full contents and more information, visit: www.routledge.com/9781032058122

The Learning Sciences in Conversation

Theories, Methodologies, and Boundary Spaces



Edited by
Marie-Claire Shanahan, Beaumie Kim,
Miwa Aoki Takeuchi, Kim Koh,
A. Paulino Preciado-Babb,
and Pratim Sengupta

**The Learning
Sciences in
Conversation**
Theories, Methodologies,
and Boundary Spaces



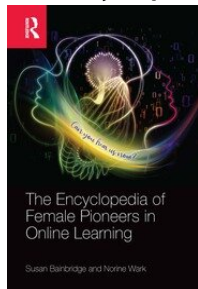
Edited By Marie-Claire Shanahan, Beaumie Kim, Miwa Aoki Takeuchi, Kim Koh, A. Paulino Preciado-Babb, Pratim Sengupta

The Learning Sciences in Conversation explores the unique pluralities, complex networks, and distinct approaches of today's learning scientists. Focused on four key scholarly areas—transdisciplinarity, design, cognition, and technology—this cutting-edge volume draws on empirical and theoretical foundations to illustrate the directions, perspectives, methods, and questions that continue to define this evolving field. Contributions by researchers are put in dialogue with one another, offering an exemplary analysis of a field that synthesizes, in situ, various scholarly traditions and orientations to create a critical and heterogenous understanding of learning.

Routledge
July 2022:292
Hb: 978-0-367-53865-1: \$170.00
Pb: 978-0-367-54564-2: \$52.95
eBook: 978-1-003-08972-8

* For full contents and more information, visit: www.routledge.com/9780367545642

The Encyclopedia of Female Pioneers in Online Learning



Susan Bainbridge, Norine Wark

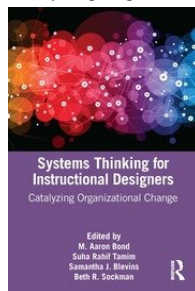
The Encyclopedia of Female Pioneers of Online Learning is the first volume to explore the lives and scholarship of women who have prominently advanced online learning. This landmark book details thirty preeminent female academics, including some of the first to create online courses, design learning management systems, research innovative topics such as discourse analysis or open resources, and speak explicitly about gender parity in the field. Offering comprehensive career profiles, original interviews, and research analyses, these chapters are illuminating on their own right while amounting to an essential combination of reference material and primary source.

Routledge
July 2022:492
Hb: 978-1-032-23035-1: \$270.00
eBook: 978-1-003-27532-9

* For full contents and more information, visit: www.routledge.com/9781032230351

Systems Thinking for Instructional Designers

Catalyzing Organizational Change



Edited By M. Aaron Bond, Suha Rahif Tamim, Samantha J. Blevins,
Beth R. Sockman

This book offers real-world cases that highlight how designers foster continuous improvement and manage change efforts across organizational contexts. Using a systems thinking approach, each case describes a holistic process that examines how a set of interdependent elements can be analyzed and coordinated to influence change. Instructional designers, faculty, program directors, digital learning leaders, and other development specialists will learn how systems thinking can solve authentic, real-world challenges. The book's rich narratives cover both successes and failures of meaningful growth, paradigm shifts, and large-scale problem-solving in a variety of settings.

Routledge
December 2021:272
Hb: 978-0-367-90296-4: \$170.00
Pb: 978-0-367-46441-7: \$52.95
eBook: 978-1-003-02877-2

* For full contents and more information, visit: www.routledge.com/9780367464417

Blended Learning

Research Perspectives, Volume 3



Edited By Anthony G. Picciano, Charles D. Dziuban, Charles R. Graham, Patsy D. Moskal

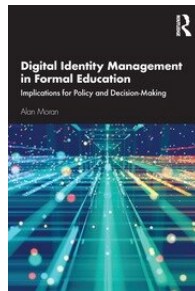
Blended Learning: Research Perspectives, Volume 3 offers new insights into the state of blended learning, an instructional modality which combines face-to-face and digitally mediated experiences. This book examines how these and other evolving tools are fueling advances in our schools, colleges, and universities. Original scholarship from education's top thinkers will prepare researchers and learning designers to tackle major issues relating to learning effectiveness, diversity, economies of scale, and beyond.

Routledge
September 2021:438
Hb: 978-0-367-47678-6: \$170.00
Pb: 978-0-367-48040-0: \$52.95
eBook: 978-1-003-03773-6

* For full contents and more information, visit: www.routledge.com/9780367480400

Digital Identity Management in Formal Education

Implications for Policy and Decision-Making



Alan Moran

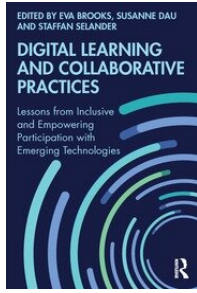
Digital Identity Management in Formal Education offers a broad analysis of the online self considered from educational policy, technological, legal and social perspectives. This book introduces the reader to the notion that digital identity is a multifaceted topic which requires a broad and systematic approach that is rooted in risk-based policy. It provides educational technologists, leaders, and decision-makers with an accessible, jargon-free guide to their responsibilities towards students and instructors in today's digitally networked schools and universities.

Routledge
September 2021:170
Hb: 978-0-367-64798-8: \$170.00
Pb: 978-0-367-67839-5: \$48.95
eBook: 978-1-003-13307-0

* For full contents and more information, visit: www.routledge.com/9780367678395

Digital Learning and Collaborative Practices

Lessons from Inclusive and Empowering Participation with Emerging Technologies



Edited By Eva Brooks, Susanne Dau, Staffan Selander

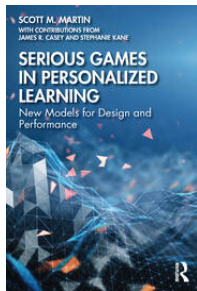
Digital Learning and Collaborative Practices offers a comprehensive overview of design-based, technology-enhanced approaches to teaching and learning in virtual settings. Today's digital communications foster new opportunities for sharing culture and knowledge while also prompting concerns over division, disinformation, and surveillance. This book uniquely emphasizes playful, collaborative experiences and democratic values in a variety of environments. Graduate students and researchers of educational technology, the learning sciences, and interaction design will discover rich theories, interventions, models, and approaches for concretizing emerging practices and competencies.

Routledge
July 2021:240
Hb: 978-0-367-62255-8: \$170.00
Pb: 978-0-367-61775-2: \$52.95
eBook: 978-1-003-10857-3

* For full contents and more information, visit: www.routledge.com/9780367617752

Serious Games in Personalized Learning

New Models for Design and Performance



Scott M. Martin, James R. Casey, Stephanie Kane

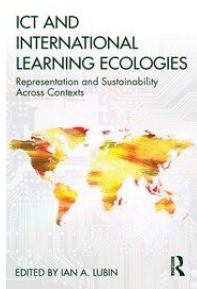
Serious Games in Personalized Learning investigates game-based teaching and learning at a time when learning and training systems are increasingly integrating serious games, machine-learning artificial intelligence models, and adaptive technologies. Game-based education provides rare data for measuring, assessing, and evaluating not just a game's effectiveness but the acquisition of information and knowledge that a student may gain through playing a learning game. This book synthesizes contemporary research, frameworks, and models centered on the design and delivery of serious games that truly personalize the learning experience.

Routledge
July 2021:304
Hb: 978-0-367-48396-8: \$170.00
Pb: 978-0-367-48750-8: \$52.95
eBook: 978-1-003-04270-9

* For full contents and more information, visit: www.routledge.com/9780367487508

ICT and International Learning Ecologies

Representation and Sustainability Across Contexts



Edited By Ian A. Lubin

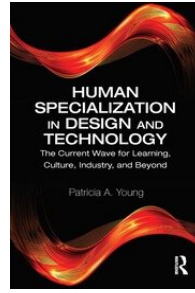
ICT and International Learning Ecologies addresses new ways to explore international, comparative, and cultural issues in education and technology. As today's development orthodoxies push societies around the world to adopt imported information-communication tools, new approaches are needed that integrate cultural responsiveness, autonomy, and sustainability into technology-enhanced learning. This edited collection conceptually and methodologically reframes the complexities of teaching and learning in historically marginalized communities around the world, where inequities are often exacerbated by one-size-fits-all programs, for graduate students and researchers.

Routledge
June 2021:228
Hb: 978-0-367-35855-6: \$170.00
Pb: 978-0-367-36367-3: \$52.95
eBook: 978-0-429-34546-3

* For full contents and more information, visit: www.routledge.com/9780367363673

Human Specialization in Design and Technology

The Current Wave for Learning, Culture, Industry, and Beyond



Patricia A. Young

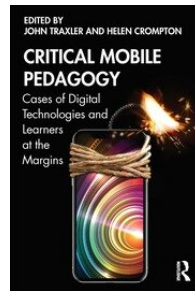
This text explores emerging trends in learning and training—standardization, personalization, customization, and specialization—with a unique focus on innovations specific to human needs and conditions. Analyzing evidence from current academic research and the popular press, this volume defines and examines the trajectory of instructional design and technologies toward more human-centered and specialized products, services, processes, environments, and systems. The book features insights into the future of professors, public schools, equity and access, extended technologies, open educational resources, and more, concluding with a set of concrete solutions.

Routledge
December 2020:156
Hb: 978-0-367-54932-9: \$170.00
Pb: 978-0-367-55743-0: \$49.95
eBook: 978-1-003-09494-4

* For full contents and more information, visit: www.routledge.com/9780367557430

Critical Mobile Pedagogy

Cases of Digital Technologies and Learners at the Margins



Edited By John Traxler, Helen Crompton

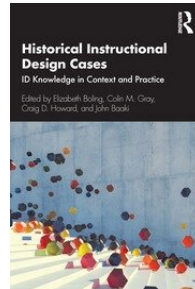
Critical Mobile Pedagogy is an exploration of mobile technologies for designing and delivering equitable and empowering education around the globe. Synthesizing a diverse range of projects and conceptual frameworks, this case-based collection addresses the ambitions, assumptions, and impacts of interventions in under-researched, often disadvantaged communities.

Routledge
November 2020:244
Hb: 978-0-367-20455-6: \$170.00
Pb: 978-0-367-20457-0: \$54.95
eBook: 978-0-429-26157-2

* For full contents and more information, visit: www.routledge.com/9780367204570

Historical Instructional Design Cases

ID Knowledge in Context and Practice



Edited By Elizabeth Boling, Colin M. Gray, Craig D. Howard, John Baaki

Historical Instructional Design Cases presents a collection of design cases which are historical precedents for the field with utility for practicing designers and implications for contemporary design and delivery. Featuring concrete and detailed views of instructional design materials, programs, and environments, this book's unique curatorial approach situates these cases in the field's broader timeline while facilitating readings from a variety of perspectives and stages of design work.

Routledge
November 2020:364
Hb: 978-0-367-35259-2: \$170.00
Pb: 978-0-367-35370-4: \$54.95
eBook: 978-0-429-33099-5

* For full contents and more information, visit: www.routledge.com/9780367353704

Game Science in Hybrid Learning Spaces



Sylvester Arnab

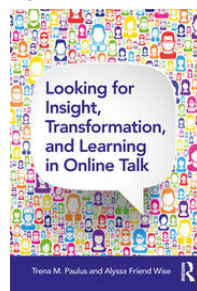
Series: Digital Games, Simulations, and Learning

Game Science in Hybrid Learning Spaces explores the potential, implications, and impact of game-based approaches and interventions in response to the blurring of boundaries between digital and physical as well as formal and informal learning spaces and contexts. The book delves into the concept, opportunities, and challenges of hybrid learning, which aims to reduce the barriers of time and physical space in teaching and learning practices, fostering seamless, sustained, and measurable learning experience and outcomes beyond the barriers of formal education and physical learning contexts.

Routledge
May 2020:244
Hb: 978-1-138-23975-3: \$170.00
Pb: 978-1-138-23976-0: \$54.95
eBook: 978-1-315-29505-3

* For full contents and more information, visit: www.routledge.com/9781138239760

Looking for Insight, Transformation, and Learning in Online Talk



Trena M. Paulus, Alyssa Friend Wise

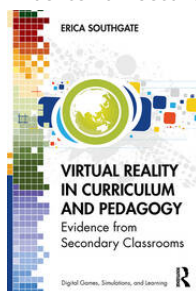
Looking for Insight, Transformation, and Learning in Online Talk is a comprehensive guide to analyzing digital interaction in formal and informal online spaces. The book establishes a new research framework for addressing major challenges that have arisen as social exchanges, meaning-making, and knowledge-building increasingly take place in social media, discussion forums, and online communities. Written for scholars in education, business, communication, media studies, health sciences, political sciences, and beyond, this is a thorough approach to the research methods and concerns essential to the study of talk in online contexts.

Routledge
May 2019:230
Hb: 978-1-138-24057-5: \$170.00
Pb: 978-1-138-24058-2: \$34.95
eBook: 978-1-315-28325-8

* For full contents and more information, visit: www.routledge.com/9781138240582

Virtual Reality in Curriculum and Pedagogy

Evidence from Secondary Classrooms



Erica Southgate

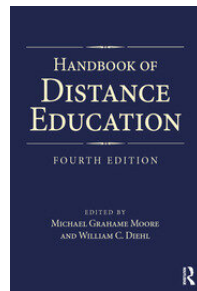
Series: Digital Games, Simulations, and Learning

Virtual Reality in Curriculum and Pedagogy explores the instructional, ethical, practical, and technical issues related to the integration of immersive VR in school classrooms. The book's original pedagogical framework is informed by qualitative and quantitative data collected from the first-ever study to embed immersive VR in secondary school science, ICT, and drama classrooms. Students and scholars of technology-enhanced learning, curriculum design, and teacher education alike will find key pedagogical insights into leveraging the unique properties of virtual reality for authentic, metacognitive and creative learning.

Routledge
May 2020:148
Hb: 978-0-367-26202-0: \$170.00
Pb: 978-0-367-26200-6: \$49.95
eBook: 978-0-429-29198-2

* For full contents and more information, visit: www.routledge.com/9780367262006

Handbook of Distance Education



Edited By Michael Grahame Moore, William C. Diehl

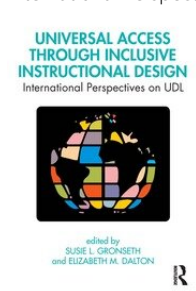
The Handbook of Distance Education, 4th Edition is a comprehensive compendium of research in the field of distance education. The volume is divided into four sections covering the historical and theoretical foundations of distance education, attributes of teaching and learning using technology, management and administration, and different audiences and providers. Throughout, leading scholars address future research needs and directions based on current research, established practices, and recent changes to implementation, pedagogy, and policy across contexts.

Routledge
December 2018:606
Hb: 978-1-138-23899-2: \$375.00
Pb: 978-1-138-23900-5: \$125.00
eBook: 978-1-315-29613-5

* For full contents and more information, visit: www.routledge.com/9781138239005

Universal Access Through Inclusive Instructional Design

International Perspectives on UDL



Edited By Susie L. Gronseth, Elizabeth M. Dalton

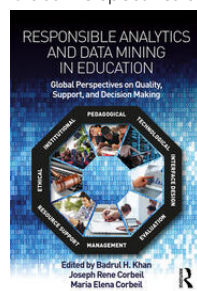
Universal Access Through Inclusive Instructional Design explores the ways that educators around the world reduce barriers for students with disabilities and other challenges by planning and implementing accessible, equitable, high-quality curricula. Incorporating key frameworks such as Universal Design for Learning, these dynamic contributions highlight essential supports for flexibility in student engagement, representation of content, and learner action and expression. This comprehensive resource leads the way to design and delivery of instruction that meets the needs of learners in varying contexts, from early childhood through adulthood.

Routledge
September 2019:404
Hb: 978-1-138-35107-3: \$170.00
Pb: 978-1-138-35108-0: \$54.95
eBook: 978-0-429-43551-5

* For full contents and more information, visit: www.routledge.com/9781138351080

Responsible Analytics and Data Mining in Education

Global Perspectives on Quality, Support, and Decision Making



Edited By Badrul H. Khan, Joseph Rene Corbeil, Maria Elena Corbeil

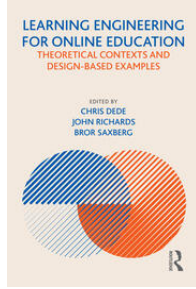
Responsible Analytics and Data Mining in Education addresses the thoughtful and purposeful navigation, evaluation, and implementation of these emerging forms of educational data analysis. Chapter authors from around the world explore how data analytics can be used to improve course and program quality; how the data and its interpretations may inadvertently impact students, faculty, and institutions; the quality and reliability of data, as well as accuracy of data-based decisions; ethical implications surrounding the collection, distribution, and use of student-generated data; and more.

Routledge
December 2018:318
Hb: 978-1-138-30588-5: \$170.00
Pb: 978-1-138-30590-8: \$56.95
eBook: 978-0-203-72870-3

* For full contents and more information, visit: www.routledge.com/9781138305908

Learning Engineering for Online Education

Theoretical Contexts and Design-Based Examples



Edited By Chris Dede, John Richards, Bror Saxberg

Learning Engineering for Online Education is a comprehensive overview of the emerging field of learning engineering, a form of educational optimization driven by analytics, design-based research, and fast-paced, large-scale experimentation. Chapters written by instructional design and distance learning innovators explore the theoretical context of learning engineering and provide design-based examples from top educational institutions. Concluding with an agenda for future research, this volume is essential for those interested in using data and high-quality outcome evidence to improve student engagement, instructional efficacy, and results in online and blended settings.

Routledge
October 2018:254
Hb: 978-0-815-39441-9: **\$170.00**
Pb: 978-0-815-39442-6: **\$56.95**
eBook: 978-1-351-18619-3

* For full contents and more information, visit: www.routledge.com/9780815394426

Measurements in Distance Education

A Compendium of Instruments, Scales, and Measures for Evaluating Online Learning



Amy J. Catalano

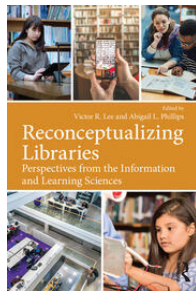
Measurements in Distance Education is a concise, well-organized guide to some of the many instruments, scales, and methods that have been created to assess distance education environments, learners, and teachers. Entries are organized according to the qualities these measures attempt to gauge—such as engagement and information retention—and provide summaries of each instrument, usage information, the history of its development, and validation, including any reported psychometric properties. Offering more than 50 different surveys, tests, and other metrics, this book is an essential reference for anyone interested in understanding distance education assessment.

Routledge
February 2018:174
Hb: 978-1-138-71447-2: **\$170.00**
Pb: 978-1-138-71446-5: **\$49.95**
eBook: 978-1-315-22944-7

* For full contents and more information, visit: www.routledge.com/9781138714465

Reconceptualizing Libraries

Perspectives from the Information and Learning Sciences



Edited By Victor R. Lee, Abigail L. Phillips

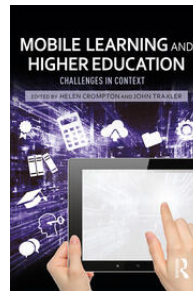
Reconceptualizing Libraries brings together cases and models developed by experts in the information and learning sciences to explore the potential for libraries to adapt and transform in the wake of new technologies for connected learning and discovery. Models and case studies from a variety of library contexts demonstrate how library professionals can act as change agents and design partners, and how patrons can engage with these evolving experiences. This is a timely and innovative volume for understanding how physical libraries can incorporate and thrive as educational resources using new developments in technology and in the learning sciences.

Routledge
August 2018:292
Hb: 978-1-138-30955-5: **\$180.00**
Pb: 978-1-138-30956-2: **\$59.95**
eBook: 978-1-315-14342-2

* For full contents and more information, visit: www.routledge.com/9781138309562

Mobile Learning and Higher Education

Challenges in Context



Edited By Helen Crompton, John Traxler

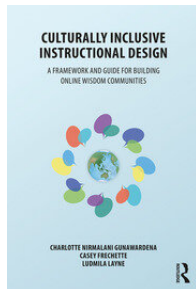
Mobile Learning and Higher Education provides case studies of mobile learning in higher education settings to showcase how devices can transform learning at the undergraduate and graduate levels. With the rapid diffusion of networked technologies among the adult populations of many countries and the supersession of the once-ubiquitous lecture approach with active learner-centered teaching for deep understanding, mobile devices are increasingly used in higher education classrooms to offer unique and effective new approaches to teaching and learning. A cutting-edge research volume, this collection also provides a springboard for building better practices in higher education institutions.

Routledge
December 2017:222
Hb: 978-1-138-23876-3: **\$200.00**
Pb: 978-1-138-23877-0: **\$62.95**
eBook: 978-1-315-29673-9

* For full contents and more information, visit: www.routledge.com/9781138238770

Culturally Inclusive Instructional Design

A Framework and Guide to Building Online Wisdom Communities



Charlotte Gunawardena, Casey Frechette, Ludmila Layne

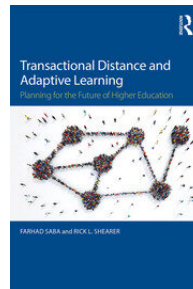
Culturally Inclusive Instructional Design provides a framework for thinking about culture in digital learning, offering insight into how to build inclusive online communities that encourage reflection and growth, regardless of content domain. Chapters cover the foundation, components, and implementation of the authors' Wisdom Communities (WisCom) framework, which enables learners from global backgrounds to experience long-lasting, transformative learning through real-world problem-solving. This book is a timely, resourceful guide to building truly collaborative, inquiry-based online learning experiences.

Routledge
July 2018:302
Hb: 978-1-138-21785-0: **\$170.00**
Pb: 978-1-138-21786-7: **\$54.95**
eBook: 978-1-315-43920-4

* For full contents and more information, visit: www.routledge.com/9781138217867

Transactional Distance and Adaptive Learning

Planning for the Future of Higher Education



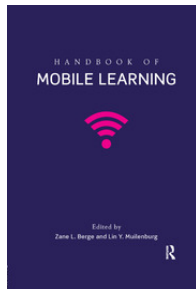
Farhad Saba, Rick L. Shearer

Transactional Distance and Adaptive Learning takes a fresh look at one of the pioneering educational theories that accommodates the impact of information and communications technologies in learning. The theory of transactional distance (TTD) provides a distinct analytical and planning foundation for educators to conduct an overarching inquiry into transitioning from mass instructional and management systems in higher education to dynamic and transformational futures that focus on each individual learner.

Routledge
October 2017:242
Hb: 978-1-138-30233-4: **\$200.00**
Pb: 978-1-138-30232-7: **\$56.95**
eBook: 978-0-203-73181-9

* For full contents and more information, visit: www.routledge.com/9781138302327

Handbook of Mobile Learning



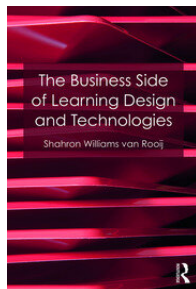
Edited By **Zane L. Berge**

This handbook provides a comprehensive compendium of research in all aspects of mobile learning, one of the most significant developments in the field of education. For more than a decade, researchers and practitioners have been exploring this area of study as the growing popularity of smartphones, tablets, and other such devices, as well as the increasingly sophisticated applications for these devices, has allowed educators to accommodate and support an increasingly mobile society. This handbook provides the first authoritative account of the theory and research that underlies mobile learning, while also exemplifying models of current and future practice.

Routledge
October 2017:680
Hb: 978-0-415-50369-3: **\$350.00**
Pb: 978-0-415-50370-9: **\$110.00**
eBook: 978-0-203-11876-4

* For full contents and more information, visit: www.routledge.com/9780415503709

The Business Side of Learning Design and Technologies



Shahron Williams van Rooij

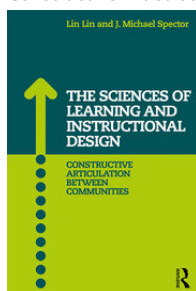
The Business Side of Learning Design and Technologies focuses on the business issues underlying the selection, design, development, implementation and evaluation of learning opportunities. Although the ability to design and implement training opportunities remains important, instructional designers are now expected to be trusted learning advisors, able to engineer a variety of learning opportunities (not just training) that contribute to an organization's bottom line. Importantly, they are expected to be able to speak the language of business to demonstrate the value of the learning and development function.

Routledge
September 2017:406
Hb: 978-1-138-69816-1: **\$170.00**
Pb: 978-1-138-69818-5: **\$69.95**
eBook: 978-1-315-51965-4

* For full contents and more information, visit: www.routledge.com/9781138698185

The Sciences of Learning and Instructional Design

Constructive Articulation Between Communities



Edited By **Lin Lin, J. Michael Spector**

There are two distinct professional communities which share an interest in using innovative approaches and emerging technologies to design and implement effective support for learning. This edited collection addresses the growing divide between the learning sciences community and the instructional design and technology community, bringing leading scholars from both fields together in one volume in an attempt to find productive middle ground. Chapters discuss the implications of not bridging this divide, propose possible resolutions, and go on to lay a foundation for continued discourse in this important area.

Routledge
June 2017:244
Hb: 978-1-138-92431-4: **\$190.00**
Pb: 978-1-138-92432-1: **\$56.95**
eBook: 978-1-315-68444-4

* For full contents and more information, visit: www.routledge.com/9781138924321

Serious Play

Literacy, Learning and Digital Games



Edited By **Catherine Beavis, Michael Dezuanni, Joanne O'Mara**
Series: Digital Games, Simulations, and Learning

Serious Play is a comprehensive account of the possibilities and challenges of teaching and learning with digital games in primary and secondary schools. Based on an original research project, the book explores digital games' capacity to engage and challenge, present complex representations and experiences, foster collaborative and deep learning, and enable curricula that connect with young people today. These exciting approaches illuminate the role of context in gameplay as well as the links between digital culture, gameplay, and identity in learners' lives, and are applicable to research and practice at the leading edge of curriculum and literacy development.

Routledge
May 2017:250
Hb: 978-1-138-68940-4: **\$170.00**
Pb: 978-1-138-68941-1: **\$49.95**
eBook: 978-1-315-53765-8

* For full contents and more information, visit: www.routledge.com/9781138689411

Culture, Learning, and Technology

Research and Practice



Edited By **Angela D. Benson, Roberto Joseph, Joi L. Moore**

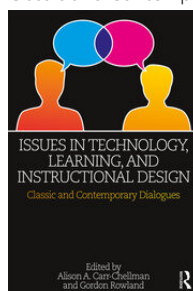
Culture, Learning and Technology: Research and Practice provides readers with an overview of the research on culture, learning and technology (CLT) and introduces the concept of culture-related theoretical frameworks. In thirteen chapters, the book explores the theoretical and philosophical views of CLT, presents research studies that examine various aspects of CLT, and showcases projects that employ best practices in CLT. Written for researchers and students in the fields of Educational Technology, Instructional Design, and the Learning Sciences, this volume represents a broad conceptualization of CLT and encompasses a variety of settings.

Routledge
February 2017:246
Hb: 978-1-138-92852-7: **\$210.00**
Pb: 978-1-138-92853-4: **\$56.95**
eBook: 978-1-315-68168-9

* For full contents and more information, visit: www.routledge.com/9781138928534

Issues in Technology, Learning, and Instructional Design

Classic and Contemporary Dialogues



Edited By **Alison A. Carr-Chellman, Gordon Rowland**

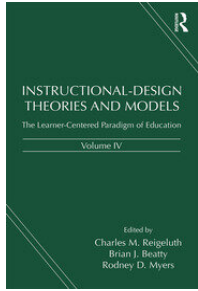
In Issues in Technology, Learning, and Instructional Design, some of the best known scholars in the field produce powerful dialogues that clarify current issues, provide context and theoretical grounding, and illuminate a framework for future thought. Position statements are introduced and then responded to, covering a remarkably broad series of topics across educational technology, learning and instructional design, from tool use to design education to how people learn. Reminiscent of the well-known Clark/Kozma debates of the 1990s, this dialogue-based textbook is ideal for graduate or advanced undergraduate courses.

Routledge
December 2016:231
Hb: 978-1-138-89788-5: **\$210.00**
Pb: 978-1-138-89789-2: **\$62.95**
eBook: 978-1-315-70891-1

* For full contents and more information, visit: www.routledge.com/9781138897892

Instructional-Design Theories and Models, Volume IV

The Learner-Centered Paradigm of Education



Edited By Charles M. Reigeluth, Brian J. Beatty, Rodney D. Myers

Instructional-Design Theories and Models, Volume IV provides a research-based description of the current state of instructional theory for the learner-centered paradigm of education, as well as a clear indication of how different theories and models interrelate. Significant changes have occurred in learning and instructional theory since the publication of Volume III, including advances in brain-based learning, learning sciences, information technologies, internet-based communication, a concern for customizing the student experience to maximize effectiveness, and scaling instructional environments to maximize efficiency.

Routledge

August 2016:480

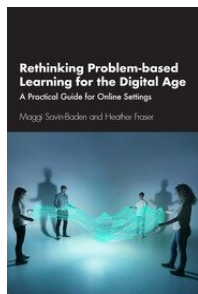
Hb: 978-1-138-01293-6: **\$170.00**

eBook: 978-1-315-79547-8

* For full contents and more information, visit: www.routledge.com/9781138012936

Rethinking Problem-based Learning for the Digital Age

A Practical Guide for Online Settings



Maggi Savin-Baden, Heather Fraser

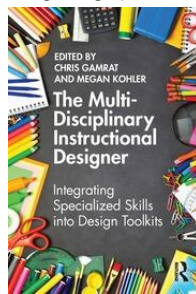
Rethinking Problem-based Learning for the Digital Age provides grounded, evidence-based strategies for teaching faculty, academic developers, and educational technologists who are changing their problem-based learning modules and programmes from face-to-face to online. Whether recontextualizing PBL practices for newly online/blended instruction or seeking fresh PBL approaches for existing digital education environments across disciplines, readers will be guided to construct active, highly motivating, learner-centered experiences using simulations, games, virtual reality, multimedia, and other complex innovations.

Routledge
October 2023:198
Hb: 978-1-032-19247-5: \$170.00
Pb: 978-1-032-15320-9: \$44.95
eBook: 978-1-003-25832-2

* For full contents and more information, visit: www.routledge.com/9781032153209

The Multi-Disciplinary Instructional Designer

Integrating Specialized Skills into Design Toolkits



Edited By Chris Gamrat, Megan Kohler

The Multi-Disciplinary Instructional Designer explores how the instructional design and development process can be energized and deepened through principles gleaned from other fields of academic study. This first-of-its-kind book guides instructional designers to apply key concepts, strategies, and lessons learned from a variety of disciplines - spanning the social sciences, arts and humanities, and STEM - to their practice. Chapters replete with example scenarios, reflection activities, and field-tested strategies provide an expansive yet actionable reframing of the profession's potential.

Routledge
April 2023:216
Hb: 978-1-032-21434-4: \$160.00
Pb: 978-1-032-20205-1: \$42.95
eBook: 978-1-003-26841-3

* For full contents and more information, visit: www.routledge.com/9781032202051

The Mobile Course Design Journey

Transforming Access in Higher Education



Alex Rocky

The Mobile Course Design Journey provides practical strategies to college and university educators and faculty support professionals looking to develop accessible mobile learning experiences. This book frames effective mobile design within a continuum in which educators can make gradual yet meaningful changes to their instruction and course content while leveraging learners' existing tools and literacies. Original, ready-to-use features such as a rubric for evaluating the mobile-friendliness of course content and assignments as well as a toolkit for leading workshops on mobile design will further help to demystify mobile learning in higher education.

Routledge
October 2023:184
Hb: 978-1-032-35825-3: \$170.00
Pb: 978-1-032-35421-7: \$42.95
eBook: 978-1-003-32877-3

* For full contents and more information, visit: www.routledge.com/9781032354217

Constructing Online Work-Based Learning Placements

Approaches to Pedagogy, Design, Planning and Implementation



Lisa Taylor

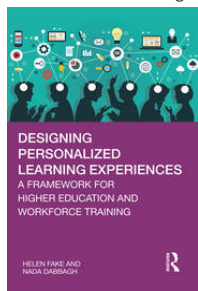
This text offers a step-by-step approach to understanding and applying the principles of design and delivery in online work-based learning (WBL) placements for students. This evidence-based book explores the emergent properties and additional value that online WBL placements provide to student learning and employability prospects, focusing on effective pedagogy, design, planning, and implementation. It also presents the Peer Enhanced e-Placement (PEEP), which has been adapted and adopted by numerous higher education teams organizing online WBL placements, and the case example included in these pages will guide readers through their own implementation and collaborations.

Routledge
February 2023:136
Hb: 978-1-032-32505-7: \$160.00
Pb: 978-1-032-32620-7: \$39.95
eBook: 978-1-003-31587-2

* For full contents and more information, visit: www.routledge.com/9781032326207

Designing Personalized Learning Experiences

A Framework for Higher Education and Workforce Training



Helen Fake, Nada Dabbagh

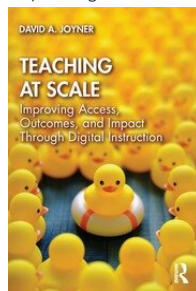
Designing Personalized Learning Experiences offers theoretically grounded and pragmatic approaches for designing personalized learning initiatives for higher education and organizational contexts. With current research concluding that a multitude of variables can enable learners to direct their own experiences and achieve their goals, new guidance is needed to hone the range of instructional approaches, activities, and interactions available. This book offers practical strategies on how to design and implement effective personalized learning interventions, advance learning and engagement, encourage ownership over the learning process, and decrease attrition.

Routledge
July 2023:220
Hb: 978-0-367-63856-6: \$160.00
Pb: 978-0-367-63186-4: \$46.95
eBook: 978-1-003-12100-8

* For full contents and more information, visit: www.routledge.com/9780367631864

Teaching at Scale

Improving Access, Outcomes, and Impact Through Digital Instruction



David Joyner

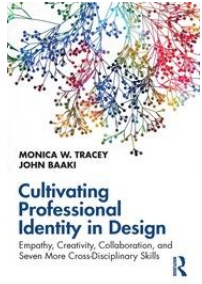
This text explores the characteristics and parameters of large-scale online learning by identifying, in its perceived drawbacks, a wealth of educational opportunities. This book guides instructors to leverage their complex responsibilities—open-ended assessments at scale, individualized feedback to students, academic integrity in less controlled environments, and more—into significant assets. Informed by real-world experience and key research in cognitive science and the learning sciences, chapters provide practical strategies for educators and administrators seeking to solve problems and fulfill the high-quality, broad-access potential of large-scale instruction for lifelong learners.

Routledge
October 2022:294
Hb: 978-1-032-22941-6: \$160.00
Pb: 978-1-032-20209-9: \$42.95
eBook: 978-1-003-27483-4

* For full contents and more information, visit: www.routledge.com/9781032202099

Cultivating Professional Identity in Design

Empathy, Creativity, Collaboration, and Seven More Cross-Disciplinary Skills



Monica W. Tracey, John Baaki

Cultivating Professional Identity in Design is a nuanced, comprehensive companion for designers across disciplines honing their identities, self-perception, personal strengths, and essential attributes. Applicable to designers of all contexts, this inspiring yet rigorous book guides practitioners and students to progress with ten key traits: empathy, uncertainty, creativity, ethics, diversity/equity/inclusion, reflection, learning, communication, collaboration, and decision-making. Though it details a complete journey from start to finish, this book acknowledges the varying paths of designers' roles and is structured for a flexible, highly iterative reading experience.

Routledge
September 2022:160
Hb: 978-1-032-18564-4: **\$170.00**
Pb: 978-1-032-15314-8: **\$42.95**
eBook: 978-1-003-25515-4

* For full contents and more information, visit: www.routledge.com/9781032153148

Best Practices for Mentoring in Online Programs

Supporting Faculty and Students in Higher Education



Susan Ko, Olena Zhadko

Series: Best Practices in Online Teaching and Learning

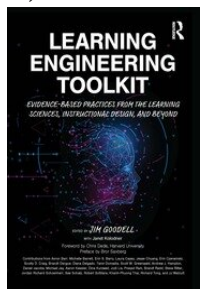
Best Practices for Mentoring in Online Programs is a straightforward guide to creating meaningful, lasting mentoring programs for faculty or students enrolled in fully or predominantly online programs. Case studies and interviews bring to life the challenges and opportunities of mentorship, including how to resolve discussions pertaining to difficult or controversial issues, while a wealth of resources, templates, and checklists will help administrators and faculty take concrete steps towards implementing or developing programs tailored to their needs and institutional contexts.

Routledge
September 2022:170
Hb: 978-1-138-35246-9: **\$160.00**
Pb: 978-1-138-35247-6: **\$42.95**
eBook: 978-0-429-43475-4

* For full contents and more information, visit: www.routledge.com/9781138352476

Learning Engineering Toolkit

Evidence-Based Practices from the Learning Sciences, Instructional Design, and Beyond



Edited By Jim Goodell, Janet Kolodner

The Learning Engineering Toolkit is a practical guide to the rich and varied applications of learning engineering, a process and practice that synthesizes the learning sciences with human-centered engineering design methodologies and data-informed decision-making to support learners and their development. Written in a colloquial style and full of collaborative, actionable strategies, this book explores the essential foundations, approaches, and real-world challenges inherent to ensuring participatory, data-driven, learning experiences across populations and contexts.

Routledge
July 2022:438
Hb: 978-1-032-20850-3: **\$170.00**
Pb: 978-1-032-23282-9: **\$48.95**
eBook: 978-1-003-27657-9

* For full contents and more information, visit: www.routledge.com/9781032232829

Creating Stellar Lessons with Digital Tools

From Integration to Innovation in Technology-Enhanced Teaching



Kenneth J. Luterbach

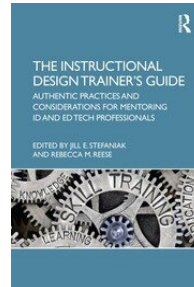
Featuring concrete applications in social studies, English, mathematics, and science scenarios, this book provides pre-service and in-service teachers with seven paths to creatively integrate and innovate with computational thinking, datasets, maker spaces, visual design, media editing, and other approaches.

Routledge
May 2022:276
Hb: 978-1-032-00012-1: **\$170.00**
Pb: 978-0-367-76970-3: **\$52.95**
eBook: 978-1-003-17228-4

* For full contents and more information, visit: www.routledge.com/9780367769703

The Instructional Design Trainer's Guide

Authentic Practices and Considerations for Mentoring ID and Ed Tech Professionals



Edited By Jill Stefaniak, Rebecca Reese

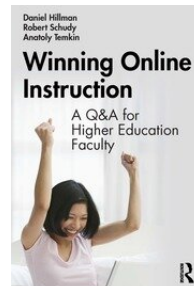
The Instructional Design Trainer's Guide provides foundational concepts and actionable strategies for training and mentoring instructional design and educational technology students to be effective across contexts. This book provides trainers and university programs with authentic learning experiences that better articulate the practices of and demands on design and technology professionals in the field. Through this enhanced perspective, learners will be better positioned to confidently embrace constraints, work among changing project expectations, interact with multiple stakeholders, and convey to employers the skills and competencies gleaned from their formal preparation.

Routledge
March 2022:266
Hb: 978-0-367-62612-9: **\$170.00**
Pb: 978-0-367-61987-9: **\$49.95**
eBook: 978-1-003-10993-8

* For full contents and more information, visit: www.routledge.com/9780367619879

Winning Online Instruction

A Q&A for Higher Education Faculty



Daniel Hillman, Robert Schudy, Anatoly Temkin

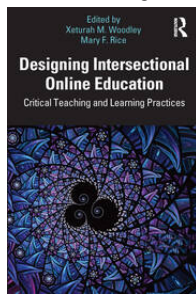
Winning Online Instruction provides concise, pragmatic solutions to common challenges and demands that higher education faculty face in teaching online. This book's unique question-and-answer format allows readers to easily identify the issues important to them, spanning online formats and teaching methods, course development and technology woes, student motivation and engagement, academic integrity and fair grading, and more. Written for instructors who have little to no experience designing and teaching online courses or who are teaching online courses developed in a hurry, this is an approachable, efficient guide to the real problems of everyday distance education.

Routledge
March 2022:216
Hb: 978-0-367-74770-1: **\$170.00**
Pb: 978-0-367-75165-4: **\$42.95**
eBook: 978-1-003-16128-8

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Designing Intersectional Online Education

Critical Teaching and Learning Practices



Edited By Xeturah Woodley, Mary Rice

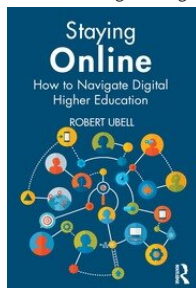
This text provides examples and discussion about the intentional creation of online teaching and learning experiences that critically center identity, social systems, and other important ideas in design and pedagogy. This book infuses today's technology-enhanced education environments with practices derived from many essential foundations for humanized and socially just education. Faculty, scholars, technologists, and other experts across higher education, K-12, and teacher training offer fresh, robust insights into how actively engaging with intersectionality can inspire designs for online teaching and learning that is inclusive, intergenerational, anti-oppressive, and emancipatory.

Routledge
February 2022:268
Hb: 978-0-367-43456-4: \$170.00
Pb: 978-0-367-43901-9: \$46.95
eBook: 978-1-003-00635-0

* For full contents and more information, visit: www.routledge.com/9780367439019

Staying Online

How to Navigate Digital Higher Education



Robert Ubell

In *Staying Online*, one of our most respected online learning leaders offers uncommon insights into how to reimagine digital higher education. Robert Ubell maps its potential to boost marginalized students, stabilize shifts in retention and tuition, and balance nonprofit and commercial services. This impressive collection spans the author's day-to-day experiences as a digital learning pioneer, presents pragmatic yet forward-thinking solutions on scaling-up and digital economics, and prepares managers, administrators, provosts, and other leaders to educate our unsettled college students as online platforms fully integrate into the mainstream.

Routledge
September 2021:180
Hb: 978-0-367-46210-9: \$170.00
Pb: 978-0-367-47745-5: \$42.95
eBook: 978-1-003-03632-6

* For full contents and more information, visit: www.routledge.com/9780367477455

Designing Courses with Digital Technologies

Insights and Examples from Higher Education



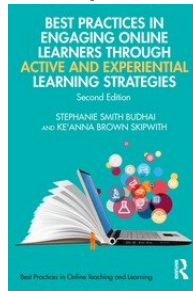
Edited By Stefan Hrastinski

Designing Courses with Digital Technologies offers guidance for higher education instructors integrating digital technologies into their teaching, assessment, and overall support of students. Written by and for instructors from a variety of disciplines, this book presents evaluations that the contributors have implemented in real-life courses, spanning blended and distance learning, flipped classrooms, collaborative technologies, video-supported learning, and beyond.

Routledge
August 2021:184
Hb: 978-0-367-62553-5: \$170.00
Pb: 978-0-367-70000-3: \$48.95
eBook: 978-1-003-14417-5

* For full contents and more information, visit: www.routledge.com/9780367700003

Best Practices in Engaging Online Learners Through Active and Experiential Learning Strategies



Stephanie Smith Budhai, Ke'Anna Skipwith

Series: Best Practices in Online Teaching and Learning

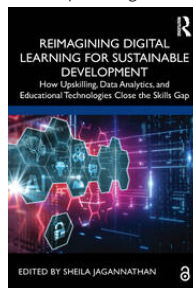
This is a practical guide for all instructors, instructional designers, and online learning administrators developing, teaching, and leading online, hybrid, and/or blended learning courses and programs who want to provide supportive, engaging, and interactive learner experiences. Readers will find guidelines for the development of participatory peer-learning, competency-based learning, field-based and clinical experiences, and service learning opportunities in the online classroom. In addition, the authors provide effective learning strategies, discipline specific examples, templates and additional resources that align learner engagement with assessment practices and course outcomes.

Routledge
July 2021:124
Hb: 978-0-367-68184-5: \$170.00
Pb: 978-0-367-69094-6: \$42.95
eBook: 978-1-003-14040-5

* For full contents and more information, visit: www.routledge.com/9780367690946

Reimagining Digital Learning for Sustainable Development

How Upskilling, Data Analytics, and Educational Technologies Close the Skills Gap



Edited By Sheila Jagannathan

Reimagining Digital Learning for Sustainable Development is a comprehensive playbook for the design and implementation of continuous learning among individuals and institutions aspiring to achieve the United Nations' ambitious Sustainable Development Goals by 2030. This book explores major shifts in content formats, pedagogic approaches, technology frameworks, user and design experiences, and learner roles and expectations that will reshape our institutions, particularly in emerging economies.

Routledge
June 2021:406
Hb: 978-0-367-54018-0: \$170.00
Pb: 978-0-367-54560-4: \$52.95
eBook: 978-1-003-08969-8

* For full contents and more information, visit: www.routledge.com/9780367545604

Creating Transformative Online Communities in Higher Education



Patrick R. Dempsey

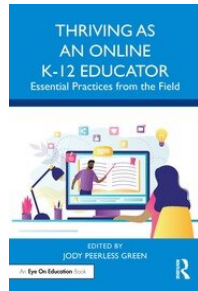
Creating Transformative Online Communities in Higher Education provides a practical approach for building authentic learning experiences into the design and delivery of online teaching and learning systems. Combining three conceptually related ideas—complexity theory, transformative learning, and the Community of Inquiry—this novel, highly applicable framework enables instructors to create compelling virtual learning experiences for students. As higher education faculty, instructional designers, and graduate students shift from presenting information to creating experiences, the book offers an evidence-based disruption of the current thinking on and practice of course design.

Routledge
June 2021:132
Hb: 978-0-367-48270-1: \$170.00
Pb: 978-0-367-47841-4: \$42.95
eBook: 978-1-003-03893-1

* For full contents and more information, visit: www.routledge.com/9780367478414

Thriving as an Online K-12 Educator

Essential Practices from the Field



Edited By Jody Peerless Green

This book is the perfect all-in-one guide to taking your K-12 class online. We know, now more than ever, that teachers have not been equally or systematically trained and resourced to make a sudden transition to online or blended instruction. This concise, accessible book collects time-tested strategies and fresh perspectives from experienced educators to help you smooth out even the most abrupt shift to technology-enhanced teaching and learning. With these insights into institutional supports, effective digital tools, equitable practice, social-emotional considerations, and beyond, you will be better prepared to help your students thrive in online and blended learning environments.

Eye On Education
November 2020:174
Hb: 978-0-367-65057-5: \$140.00
Pb: 978-0-367-64094-1: \$26.95
eBook: 978-1-003-12763-5

* For full contents and more information, visit: www.routledge.com/9780367640941

Best Practices in Designing Courses with Open Educational Resources



Olena Zhadko, Susan Ko

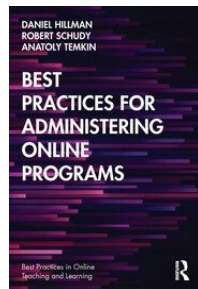
Series: *Best Practices in Online Teaching and Learning*

This practical guide that assists faculty and institutions looking to adopt and implement OER and to foster meaningful, effective learning experiences through the course design process. Chapters loaded with tips, case examples, and guidance from practitioners advise readers through each step necessary for sustainable OER initiatives, from preliminary planning and course redesign through teaching, learning, and faculty development. This is a comprehensive resource for faculty, instructional designers, course developers, librarians, information technologists, and administrators hoping to rethink and refresh their curricula by moving beyond traditional textbooks.

Routledge
December 2019:146
Hb: 978-0-367-14069-4: \$170.00
Pb: 978-0-367-14070-0: \$46.95
eBook: 978-0-429-03001-7

* For full contents and more information, visit: www.routledge.com/9780367140700

Best Practices for Administering Online Programs



Daniel Hillman, Robert Schudy, Anatoly Temkin

Series: *Best Practices in Online Teaching and Learning*

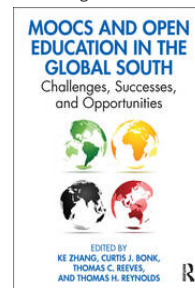
Best Practices for Administering Online Programs is a practical volume for university teams seeking to manage effective online programs. Defining, designing, implementing, and updating online courses is a highly collaborative effort, particularly with limited resources and expanding student enrollment. Readers will find guidelines for fostering quality, faculty skills, academic integrity, learning objectives, course improvement, and more.

Routledge
October 2020:220
Hb: 978-0-367-34973-8: \$46.95
Pb: 978-0-367-34974-5: \$46.95
eBook: 978-0-429-32908-1

* For full contents and more information, visit: www.routledge.com/9780367349745

MOOCs and Open Education in the Global South

Challenges, Successes, and Opportunities



Edited By Ke Zhang, Curtis Bonk, Thomas Reeves, Thomas Reynolds

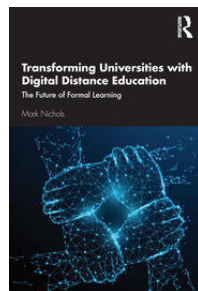
With e-learning technologies evolving and expanding at high rates, organizations and institutions around the world are integrating massive open online courses (MOOCs) and other open educational resources (OERs). MOOCs and Open Education in the Global South explores the initiatives that are leveraging these flexible systems to educate, train, and empower populations previously denied access to such opportunities. This comprehensive text is an essential resource for policy makers, instructional designers, practitioners, administrators, and other MOOC and OER community stakeholders.

Routledge
November 2019:392
Hb: 978-0-367-02576-2: \$160.00
Pb: 978-0-367-02577-9: \$56.95
eBook: 978-0-429-39891-9

* For full contents and more information, visit: www.routledge.com/9780367025779

Transforming Universities with Digital Distance Education

The Future of Formal Learning



Mark Nichols

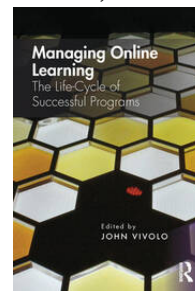
Transforming Universities with Digital Distance Education explores the ways in which higher education stakeholders can apply and leverage the benefits of online learning. Systems-wide access, scale, and quality are achievable goals but require forms of teamwork and financial modelling beyond those at the instructor or program level. This book's organizational view tackles the systems and practices that will help senior managers and decision-makers guide an entire institution away from dysfunction—incremental progress, insufficient capacity, high costs, and generic products—and toward the macro-level implementation and operations of effective online pedagogies.

Routledge
May 2020:188
Hb: 978-1-138-61471-0: \$170.00
Pb: 978-1-138-61470-3: \$46.95
eBook: 978-0-429-46395-2

* For full contents and more information, visit: www.routledge.com/9781138614703

Managing Online Learning

The Life-Cycle of Successful Programs



Edited By John Vivolo

Managing Online Learning is a comprehensive guide to planning and executing effective online learning programs. Featuring contributions from experienced professionals across operations in university and corporate settings, this all-in-one resource provides leaders and administrators with informed strategies for supporting learners' and instructors' evolving needs, implementing and evaluating pedagogically sound technologies, projecting revenue-generating models, and anticipating future scaling challenges. These chapters cover essential topics such as unit design, management of staff and finances, student engagement, user experience and interface, data analytics, and more.

Routledge
October 2019:240
Hb: 978-1-138-36474-5: \$150.00
Pb: 978-1-138-36475-2: \$46.95
eBook: 978-0-429-43115-9

* For full contents and more information, visit: www.routledge.com/9781138364752

Designing Effective Digital Badges

Applications for Learning



Joey R. Fanfarelli, Rudy McDaniel

Designing Effective Digital Badges is a hands-on guide to the principles, implementation, and assessment of digital badging systems. Informed by the fundamental concepts and research-based characteristics of effective badge design, this book uses real-world examples to convey the advantages and challenges of badging and showcase its application across a variety of contexts. Professionals in education, game development, mobile app development, and beyond will find strategies for practices such as credentialing, goal-setting, and motivation of their students.

Routledge

February 2019:222

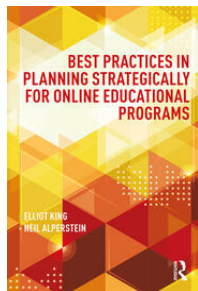
Hb: 978-1-138-30612-7: **\$150.00**

Pb: 978-1-138-30613-4: **\$46.95**

eBook: 978-0-203-72855-0

* For full contents and more information, visit: www.routledge.com/9781138306134

Best Practices in Planning Strategically for Online Educational Programs



Elliot King, Neil Alperstein

Series: *Best Practices in Online Teaching and Learning*

Best Practices in Planning Strategically for Online Educational Programs is a step-by-step guide to developing strategic plans for creating and implementing online educational programs within higher education institutions. From conception to execution and assessment, the successful management of purposeful online educational programs in colleges and universities carries increasing importance and a unique set of requirements. With computer networked-based technologies gaining ground in traditional private and public institutions, this critical volume is the first to apply the principles and practices associated with strategic planning specifically to online educational programs.

Routledge

November 2017:238

Hb: 978-1-138-93618-8: **\$190.00**

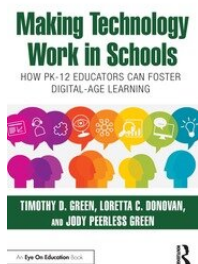
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Making Technology Work in Schools

How PK-12 Educators Can Foster Digital-Age Learning



Timothy D. Green, Loretta C. Donovan, Jody Peerless Green

School systems are increasingly adopting ambitious new educational technologies, but how do you make sure they are yielding effective teaching and learning experiences? The authors' proven, intuitive practices speak directly to academic coaches, school technology leads, district technology directors, and teachers on special assignment who are responsible for introducing new tools and programs. After reading this book, you will be able to better prepare the educators you serve to empower their learners, whether digitally savvy or not, to be engaged, collaborative, and better prepared for college and careers.

Eye On Education

June 2020:208

Hb: 978-0-367-02569-4: **\$140.00**

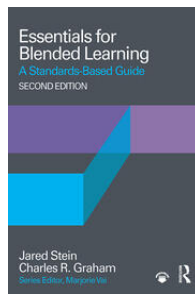
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eBook: 978-0-429-39895-7

* For full contents and more information, visit: www.routledge.com/9780367025700

Essentials for Blended Learning, 2nd Edition

A Standards-Based Guide



Jared Stein, Charles R. Graham

Series: *Essentials of Online Learning*

Essentials for Blended Learning provides a practical, streamlined approach for creating effective learning experiences by blending online activities and the best of face-to-face teaching. Effective blended learning requires rethinking of teaching practices and a redesign of course structure. Suitable for instructors in any content area, this book simplifies these difficult challenges without neglecting important opportunities to transform teaching. The revised second edition is more streamlined and easier to use, and includes more real-world examples of blended teaching and learning, the latest technologies, and additional research-based learning activities.

Routledge

April 2020:214

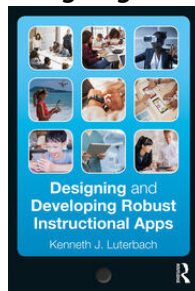
Hb: 978-1-138-48631-7: **\$170.00**

Pb: 978-1-138-48632-4: **\$42.95**

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* For full contents and more information, visit: www.routledge.com/9781138486324

Designing and Developing Robust Instructional Apps



Kenneth J. Luterbach

Designing and Developing Robust Instructional Apps advances the state of instructional app development using three learning paradigms: building knowledge foundations, problem-solving, and experimentation. Drawing on lessons from noted educational technologists, time-tested instructional design processes, and user experience design, the book considers the planning and specification of apps that blend media and instructional method. For readers with little to no programming experience, introductory treatments of JavaScript and Python, along with data fundamentals and machine learning techniques, offer a guided journey that concludes with next steps for the future of instructional apps.

Routledge

March 2018:258

Hb: 978-1-138-30317-1: **\$170.00**

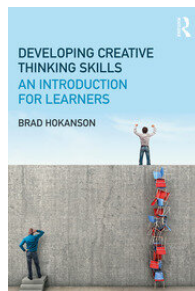
Pb: 978-1-138-30318-8: **\$52.95**

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* For full contents and more information, visit: www.routledge.com/9781138303188

Developing Creative Thinking Skills

An Introduction for Learners



Brad Hokanson

Based on over fifteen years of groundbreaking research, Developing Creative Thinking Skills helps learners increase their own creative thinking skills. Focusing on divergent thinking, twelve inventive chapters build one's capacity to generate a wide range of ideas, both as an individual and as a collaborator. This textbook outlines a semester-long structure for the development of creative thinking skills and can easily be utilized as a self-directed format for those learning outside of a classroom. Readers are stimulated to maximize their own creativity through active exercises, challenges to personal limits and assumptions, and ideas that can help create powerful habits of variance.

Routledge

August 2017:144

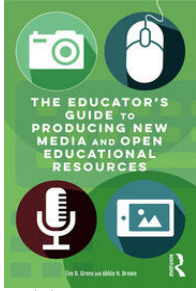
Hb: 978-1-138-93955-4: **\$200.00**

Pb: 978-1-138-93956-1: **\$36.95**

eBook: 978-1-315-67487-2

* For full contents and more information, visit: www.routledge.com/9781138939561

The Educator's Guide to Producing New Media and Open Educational Resources



Tim D. Green, Abbie H. Brown

Digital video, audio, and text have never been more popular, and educators need to know how to make new media work in all types of learning environments. The Educator's Guide to Producing New Media and Open Educational Resources provides practical advice on how to produce and use open access resources to support student learning. This realistic, "how-to" guide is written for education professionals in any discipline seeking to transform their instruction with technology.

Routledge

July 2017:144

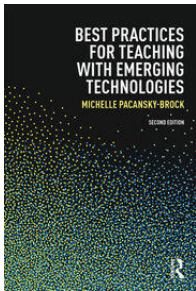
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Pb: 978-1-138-93958-5: \$38.95

eBook: 978-1-315-67486-5

* For full contents and more information, visit: www.routledge.com/9781138939585

Best Practices for Teaching with Emerging Technologies



Michelle Pacansky-Brock

Series: Best Practices in Online Teaching and Learning

As social media and Web 2.0 technologies continue to transform the learning trends and preferences of students, educators need to understand the applicability of these new tools in all types of learning environments. This second edition provides new and experienced instructors with practical examples of how low-cost and free technologies can be used to support student learning as well as best practices for integrating web-based tools into a course management system and managing student privacy in a Web 2.0 environment. "Showcase" spotlights throughout exemplify how the tools described in the book are already being used effectively in educational settings.

Routledge

May 2017:180

Hb: 978-1-138-64364-2: \$200.00

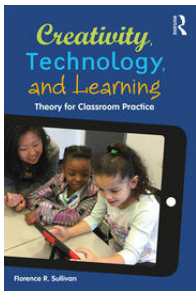
Pb: 978-1-138-64365-9: \$46.95

eBook: 978-1-315-62929-2

* For full contents and more information, visit: www.routledge.com/9781138643659

Creativity, Technology, and Learning

Theory for Classroom Practice



Florence R. Sullivan

Creativity, Technology, and Learning provides a comprehensive introduction to theories and research on creativity in education and, in particular, to the role of digital learning technologies in enabling creativity across classroom learning environments. Topical coverage includes play, constructionism, multimodal learning and project/problem based learning. Creativity is uniquely positioned throughout the book as an integral aspect of the educational process but also as a foundational aspect of self-actualization, thriving communities, and humane societies.

Routledge

February 2017:212

Hb: 978-1-138-78882-4: \$210.00

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