Designing Learning From Module Outline To Effective Teaching | Key Guides For Effective Teaching In Higher Education

Specifications: Grading Learning by Design

The Key Elements of Classroom Management: Designing Courses For Higher Education

Designing and Assessing Courses and Curriculum: Learning Web Design

Course Design Formulas Creating Significant Learning Experiences

The Distance Learning Playbook, Grades K-12

Learner-centered Assessment on College Campuses

Increasing Student Learning Through Multimedia Projects Essentials of Online Course Design

New Learning Becoming a Better Teacher E-Learning Developing Your Teaching

Learning Taxonomy for Learning, Teaching, and Assessing

Designing Assessment Skills and Practice

The Understanding by Design Guide to Creating High-Quality Units

Teaching for Quality Learning at University First Principles of Instruction

How People Learn: The New Brain Science for Teaching and Learning in Higher Education

E-Learning Methodologies

Distance Education for Teacher Training A Handbook for Teaching and Learning in Higher Education

Science Teaching Reconsidered

Principles of Instructional Design

The Conditions of Learning: Teaching in a Digital Age

Assessment and Student Success in a Differentiated Classroom

Taxonomy of Educational Objectives

Designing Your Life

Teaching at Its Best

This third edition of the best-selling handbook offers faculty at all levels an essential toolbox of hundreds of practical teaching techniques, formats, classroom activities, and exercises, all of which can be implemented immediately. This thoroughly revised edition includes the newest portrait of the Millennial student; current research from cognitive psychology; a focus on outcomes maps; the latest legal options on copyright issues; and how to best use new technology including wikis, blogs, podcasts, webcasts, and clickers. Entirely new chapters include subjects such as matching teaching methods with learning outcomes, inquiry-guided learning, and using visuals to teach, and new sections address Felder and Silverman's Index of Learning Styles, SCALE-UP classrooms, multiple true-false test items, and much more.

Praise for the Third Edition of Teaching at Its Best

“Everyone—veterans as well as novices—will profit from reading Teaching at Its Best, for it provides both theory and practical suggestions for handling all of the problems one encounters in teaching classes varying in size, ability, and motivation.” —Wilbert McKeachie, Department of Psychology, University of Michigan, and coauthor, McKeachie’s Teaching Tips

In her latest book, Linda Nilson puts forward an innovative but practical and tested approach to grading that can demonstrably raise academic standards, motivate students, tie their achievement of learning outcomes to their course grades, save faculty time and stress, and provide the reliable gauge of student learning that the public and employers are looking for. She argues that the grading system most commonly in use now is unwieldy, imprecise and unnecessarily complex, involving too many rating levels for too many individual assignments and tests, and based on a hairsplitting point structure that obscures the underlying criteria and encourages students to challenge their grades. This new specifications grading paradigm restructures assessments to streamline the grading process and greatly reduce grading time, empower students to choose the level of attainment they want to achieve, reduce antagonism between the evaluator and the evaluated, and increase student receptivity to meaningful feedback, thus facilitating the learning process - all while upholding rigor. In addition, specs grading increases students’ motivation to do well by making expectations clear, lowering their stress and giving them agency in determining their course goals. Among the unique characteristics of the schema, all of which simplify faculty decision making, are the elimination of partial credit, the reliance on a one-level grading rubric and the “bundling” of assignments and tests around learning outcomes. Successfully completing more challenging bundles (or modules) earns a student a higher grade course grade. Specs grading works equally well in small and large class settings and encourages “authentic assessment.” Used consistently over time, it can restore credibility to grades by demonstrating and making transparent to all stakeholders the learning outcomes that students achieve. This book features many examples of courses that faculty have adapted to spec grading and lays out the surprisingly simple transition process. It is intended for all members of higher education who teach, whatever the discipline and regardless of rank, as well as those who oversee, train, and advise those who teach. Specification grading promotes the following values and outcomes. It: 1. Upholds High Academic Standards 2. Reflects Student Attainment of Skills and Knowledge 3. Motivates Students to Learn and to Excel 4. Fosters Higher-Order Cognitive Development and Creativity 5. Discourages Cheating 6. Reduces Student Stress 7. Makes Students Feel Responsible for Their Grades 8. Minimizes Conflict Between Faculty and Students 9. Saves Faculty Time and Is Simple to Administer 10. Makes Expectations Clear and Simplifies Feedback for Improvement 11. Assesses Authentically...
12. Achieves High Inter-Rater Agreement

In this book, we can read about new technologies that enhance training and performance; discover new, exciting ways to design and deliver content; and have access to proven strategies, practices and solutions shared by experts. The authors of this book come from all over the world; their ideas, studies, findings and experiences are beneficial contributions to enhance our knowledge in the field of e-learning. The book is divided into three sections, and their respective chapters refer to three macro areas. The first section of the book covers Instructional Design of E-learning, considering methodology and tools for designing e-learning environments and courseware. Also, there are examples of effective ways of gaming and educating. The second section is about Organizational Strategy and Management. The last section deals with the new Developments in E-learning Technology, emphasizing subjects like knowledge building by mobile e-learning systems, cloud computing and new proposals for virtual learning environments/platforms.

For new as well as more experienced lecturers, this motivational book is packed with accessible and practical advice, grounded in learning theory. The authors show how to take a step back, reflect on your current practice and take measures to improve it. A wide range of creative and innovative ideas are explored including: using feedback from peers and students turning your understanding into practice getting involved in support networks working with mentors using teaching to progress your career.

Designing and Assessing Courses and Curricula reflects the most current knowledge and practice in course and curriculum design and connects this knowledge with the critical task of assessing learning outcomes at both course and curricular levels. This thoroughly revised and expanded third edition of the best-selling book positions course design as a tool for educational change and contains a wealth of new material including new chapters, case examples, and resources.

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

Details as experiment in classroom and curriculum transformation and the professional learning of the teachers who participated in the experiment, which involved practical application of the learning theory outlined in this book to everyday classroom practice.

"The Understanding by Design Guide to Creating High-Quality Units is targeted to individuals and groups interested in improving their skills in designing units of study based on the Understanding by Design (UbD) framework. This guide introduces UbD unit design and directs readers through the process. It is organized around a set of modules that move from basic ideas (e.g., the three stages of "backward design") to more complicated elements of unit design (e.g., authentic performance tasks)."—publisher website.

Discusses eight innovations that support a student-centered classroom, including curriculum integration, authentic assessment, and portfolios.

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

Carol Ann Tomlinson and Tonya R. Moon take an in-depth look at assessment and show how differentiation can improve the process in all grade levels and subject areas. After discussing differentiation in general, the authors focus on how differentiation applies to various forms of assessment--pre-assessment, formative assessment, and summative assessment--and to grading and report cards. Readers learn how differentiation can --Capture student interest and increase motivation --Clarify teachers' understanding about what is most important to teach --Enhance students' and teachers' belief in student learning capacity; and --Help teachers understand their students' individual similarities and differences so they can reach more students, more effectively. Throughout, Tomlinson and Moon emphasize the importance of maintaining a consistent focus on the essential knowledge, understandings, and skills that all students must acquire, no matter what their starting point. Detailed scenarios illustrate how assessment differentiation can occur in three realms (student readiness, interest, and learning style or preference) and how it can improve assessment validity and reliability and decrease errors and teacher bias. Grounded in research and the authors' teaching experience, Assessment and Student Success in a Differentiated Classroom outlines a common-sense approach that is both thoughtful and practical, and that empowers teachers and students to discover, strive for, and achieve their true potential.

Describes ways to incorporate domain modeling into software development.

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Addressed to K-12 teachers, discusses enhancing student achievement through project-based learning with multimedia and
Effective teaching is effective teaching, no matter where it occurs. The pandemic teaching of mid-2020 was not really distance learning, but rather crisis teaching. But starting now, teachers have the opportunity to prepare for distance learning with purpose and intent—using what works best to accelerate students’ learning all the while maintaining an indentured sense of humanity. Harnessing the insights and expertise of renowned educators, such as Fisher, Nancy Frey, and John Hattie, The Distance Learning Playbook applies the wisdom and evidence of VISIBLE LEARNING® research to understand what works best with distance learning. Spanning topics from teacher-student relationships, teacher credibility and clarity, instructional design, assessments, and grading, this comprehensive playbook details the research- and evidence-based strategies teachers can mobilize to deliver high-impact learning in an online, virtual, and distributed environment.

This powerful guide includes:· Learning Intentions and Success Criteria for each module to track your own learning and model evidence-based teacher practices for meaningful learning · A diversity of instructional approaches, including direct instruction, peer learning, and independent work that foster student self-regulation and move learning to deep and transfer levels · Discussion of equity challenges associated with distance learning, along with examples of how teachers can work to ensure that equity gains that have been realized are not lost · Special guidance for teachers of young children who are learning from a distance · Videos of the authors and teachers discussing a wide variety of distance learning topics · Space to write and reflect on current practices and plan future instruction The Distance Learning Playbook is the essential hands-on guide to preparing and delivering distance learning experiences that are truly effective and impactful.

In spite of the proliferation of online learning, creating online courses can still evoke a good deal of frustration, negativity, and wariness in those who need to create them. The second edition of Essentials of Online Course Design takes a fresh, thoughtfully designed, step-by-step approach to online course development. At its core is a set of standards that are based on best practices in the field of online learning and teaching. Pedagogical, organizational, and visual design principles are presented and modeled throughout the book, and users will quickly learn from the guide’s hands-on approach. The course design process begins with the elements of a classroom syllabus which, after a series of guided steps, easily evolve into an online course outline. The guide’s key features include: a practical approach informed by theory clean interior design that offers straightforward guidance from page one clear and jargon-free language examples, screenshots, and illustrations to clarify and support the text a checklist of online course design standards that readers can use to self-evaluate. a Companion Website with examples, adaptable templates, interactive learning features, and online resources:
http://essentialssofonlinecoursedesign.com Essentials of Online Course Design serves as a best practice model for designing online courses. After reading this book, readers will find that preparing for online teaching is a satisfying and engaging experience. The core issue is simply good design: pedagogical, organizational, and visual. For more of Marjorie Vai in her own words, listen to this 2011 interview from the On Teaching Online podcast: http://onteachingonline.com/oto-16-essentials-of-online-course-design-with-marjorie-val/

Bridging the gap between theory and practice, this fully updated new edition of Designing Learning offers accessible guidance to help those new to teaching in higher education to design and develop a course. With new considerations to the higher education context, this book uses current educational research to support staff in their endeavour to design and develop modules and degree courses of the highest quality. Offering guidance on every stage, from planning to preparing materials and resources, with a focus on the promotion of learning, this book considers: Course design models and shapes, and their impact on learning How the external influences of learning and teaching are translated by different institutions How to match the content of a course to its outcomes Frameworks to enable communication between staff and students about expectations and standards Taking into account the diverse student population when designing a course The place of Virtual Learning Environment (VLE), communication tools and systems for monitoring students’ engagement The importance of linking all aspects of the taught curriculum and wider co-extra-curricular activities to support learning Ways to create a course that can and will develop oneself as a teaching professional in HE. Providing advice, illustrative examples and case studies, Designing Learning is a comprehensive guide to designing a high-quality course. This book is a must-read for any academic looking to create or update their course or module.

This handy resource describes and illustrates the concepts underlying the “First Principles of Instruction” and illustrates First Principles and their application in a wide variety of instructional products. The book introduces the3 Course Critique Checklist that can be used to evaluate existing instructional products. It also provides directions for applying this checklist and illustrates its use for a variety of different kinds of courses. The Author has also developed a Pebble-in-the-Pond Instructional Design Model with an accompanying e3 ID Checklist. This checklist translates instructional designers to design and develop instructional products that more adequately implement First Principles of instruction.

In this much needed resource, Maryellen Weimer—one of the nation’s most highly regarded authorities on effective college teaching—offers a comprehensive work on the topic of learner-centered teaching in the college and university classroom. As the author explains, learner-centered teaching focuses attention on what the student is learning, how the student is learning, the conditions under which the student is learning, whether the student is retaining and applying the learning, and how current learning positions the student for future learning. To help educators accomplish the goals of learner-centered teaching, this important book presents the meaning, practice, and ramifications of the learner-centered approach, and how this approach transforms the college classroom environment. Learner-Centered Teaching shows how to tie teaching and curriculum to the process and objectives of learning rather than to the content delivery alone.

An easy-to-read guide offers an introduction to effective classroom management, including tips on setting up a classroom, establishing routines, and pacing the curriculum.

#1 New York Times Bestseller At last, a book that shows you how to build—design—a life you can thrive in, at any age or stage. Designers create worlds and solve problems using design thinking. Look around your office or home—at the tablet or smartphone you may be holding or the chair you are sitting in. Everything in our lives was designed by someone. And every design starts with a problem that a designer or team of designers seeks to solve. In this book, Bill Burnett and Dave Evans show us how design thinking can help us create a life that is both meaningful and fulfilling, regardless of who or where we are, what we do or have done for a living, or how young or old we are. The same design thinking responsible for amazing
technology, products, and spaces can be designed to use, and build your career and your life, a life of fulfillment and joy, constantly creative and productive, one that always holds the possibility of surprise. "Designing Your Life walks readers through the process of building a satisfying, meaningful life by approaching the challenge the way a designer would. Experimentation. Wayfinding. Prototyping. Constant iteration. You should read the book. Everyone else will." —Daniel Pink, bestselling author of Drive "This [is] the career book of the next decade and . . . the go-to book that is read as a rite of passage when no one is ready to create a life they love." —David Kelley, Founder of IDEO "An empowering book based on their popular class of the same name at Stanford University . . . Perhaps the book's most important lesson is that the only failure is settling for a life that makes one unhappy. With useful fact-finding exercises, an empathetic tone, and sensible advice, this book will easily earn a place among career-finding classics." —Publishers Weekly

Want a fast, fun, effective way to build an online course? Want the satisfaction of knowing your online course truly delivers the transformation it promises? If your goal is not just to sell a digital product, but to become a world-changing global teacher, the Course Design Formula that is the heart of this book will help you get there. Read this book and follow its every instruction to the letter and you will build your next online course better, faster, and more effectively than others who are not using a research-based instructional design process. In Course Design Formula, author Rebecca Frost Cuevas synthesizes best practices from cognitive psychology, instructional design, learning theory, and information processing theory with her decades of hands-on expertise into clear guidelines that can be applied quickly to any type of content geared for any target audience.

"This book is an exceptional introduction to some difficult ideas. It is full of downright good advice for every academic who wants to do something practical to improve his or hers students' learning." Paul Ramsden, Brisbane, Australia "Biggs and Tang present a unified view of university teaching that is both grounded in research and theory and replete with guidance for novice and expert instructors. The book will inspire, challenge, unsettle, and in places annoy and even infuriate its readers, but it will succeed in helping them think about how high quality teaching can contribute to high quality learning." John Kirby, Queens University, Ontario, Canada This best-selling book explains the concept of constructive alignment used in implementing outcomes-based education. Constructive alignment identifies the desired learning outcomes and helps teachers design the teaching and learning activities that will help students to achieve those outcomes, and to assess how well those outcomes have been achieved. Each chapter includes tasks that offer a 'how-to' manual to implement constructive alignment in your own teaching practices. This new edition draws on the authors' experience of consulting on the implementation of constructive alignment in Australia, Hong Kong, Ireland and Malaysia including a wider range of disciplines and teaching contexts. There is also a new section on the evaluation of constructive alignment, which is now used worldwide as a framework for good teaching and assessment, as it has been shown to: Assist university teachers who wish to improve the quality of their own teaching, their students' learning and their assessment of learning outcomes Aid staff developers in providing support for departments in line with institutional policies Provide a framework for administrators interested in quality assurance and enhancement of teaching across the whole university. The authors have also included useful web links to further material. Teaching for Quality Learning at University will be of particular interest to teachers, staff developers and administrators.

Bestemd voor onderwijskundigen en werkers in verwante opvoedkundige beroepen

"This resource is a well constructed introduction to learner-centered assessment, complete with practical, ready-to-implement assessment techniques. Designed to bring you up to speed quickly, the book is grounded in the principles of constructivist learning theory and continuous improvement. It helps you to connect with what you already know about assessment, integrate that knowledge with new information, and try new approaches to enhance your students' learning. You see clearly what it means to shift from a teacher-centered paradigm of instruction to a learner-centered paradigm."—BOOK JACKET.

Cheating Lessons is a guide to tackling academic dishonesty at its roots. James Lang analyzes the features of course design and classroom practice that create cheating opportunities, and empowers teachers to build more effective learning environments. Instructors who curb academic dishonesty become better educators in other ways as well.

This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12.

The "E-Learning Methodologies" guide will support professionals involved in the design and development of e-learning projects and products. The guide reviews the basic concepts of e-learning with a focus on adult learning, and introduces the various activities and roles involved in an e-learning project. The guide covers methodologies and tips for creating interactive content and for facilitating online learning, as well as some of the technologies used to create and deliver e-learning.

Fully updated and revised, the second edition of New Learning explores the contemporary debates and challenges in education and considers how schools can prepare their students for the future. New Learning, Second Edition is an inspiring and comprehensive resource for pre-service and in-service teachers alike.

This book focuses not on teaching techniques but on the strategic decisions which must be made before a course begins. It provides realistic advice for university and college teachers on how to design more effective courses without underestimating the complexity of the task facing course developers, and offers course designers both an understanding and a framework within which to clarify their own teaching purposes.

Presents a multifaceted model of understanding, which is based on the premise that people can demonstrate understanding
This entirely new edition of a very successful book focuses on developing professional academic skills for supporting and supervising student learning and effective teaching. It is built on the premise that the roles of those who teach in higher education are complex and multi-faceted. A Handbook for Teaching and Learning in Higher Education is sensitive to the competing demands of teaching, research, scholarship, and academic management. The new edition reflects and responds to the rapidly changing context of higher education and to current understanding of how to best support student learning. Drawing together a large number of expert authors, it continues to feature extensive use of case studies that show how successful teachers have implemented these ideas. It includes key topics such as student engagement and motivation, internationalisation, employability, inclusive strategies for teaching, effective use of technology and issues relating to postgraduate students and student retention. Part 1 explores a number of aspects of the context of UK higher education that affect the education of students, looking at the drivers of institutional behaviours and how to achieve success as a university teacher. Part 2 examines learning, teaching and supervising in higher education and includes chapters on working with diversity, encouraging independent learning and learning gain. Part 3 considers approaches to teaching and learning in different disciplines, covering a full range including arts and humanities, social sciences, experimental sciences through to medicine and dentistry. Written to support the excellence in teaching and learning design required to bring about student learning of the highest quality, this will be essential reading for all new lecturers, particularly anyone taking an accredited course in teaching and learning in higher education, as well as those experienced lecturers who wish to improve their teaching practice. Those working in adult learning and educational development will also find the book to be a particularly useful resource. In addition it will appeal to staff who support learning and teaching in various other roles.

This groundbreaking book offers a down-to-earth resource for the practical application of blended learning in higher education as well as a comprehensive examination of the topic. Well-grounded in research, Blended Learning in Higher Education clearly demonstrates how the blended learning approach embraces the traditional values of face-to-face teaching and integrates the best practices of online learning. This approach has proven to both enhance and expand the effectiveness and efficiency of teaching and learning in higher education across disciplines. In this much-needed book, authors D. Randy Garrison and Norman D. Vaughan present the foundational research, theoretical framework, scenarios, principles, and practical guidelines for the redesign and transformation of the higher education curriculum. Blended Learning in Higher Education Outlines seven blended learning redesign principles Explains the professional development issues essential to the implementation of blended learning designs Provides six illustrative scenarios of blended learning design Contains practical guidelines to blended learning redesign Describes techniques and tools for engaging students

Assessing Skills and Practice outlines how to ensure fair, consistent and reliable assessment of practical activities. With a particular focus on formative feedback and its role in helping students to understand what is required of them, this guide is packed with advice, examples and case studies covering the key areas, including: assessing across the arts, humanities and sciences - from labwork and clinical practice to dance assessing oral work using feedback ensuring inclusive and fair assessment. This volume is an ideal introduction for new or part-time lecturers and will also be valued by experienced teachers who are new to this area of assessment or who want to improve their current practice.

Effective science teaching requires creativity, imagination, and innovation. In light of concerns about American science literacy, scientists and educators have struggled to teach this discipline more effectively. Science Teaching Reconsidered provides undergraduate science educators with a path to understanding students, accommodating their individual differences, and helping them grasp the methods--and the wonder--of science. What impact does teaching style have? How do I plan a course curriculum? How do I make lectures, classes, and laboratories more effective? How can I tell what students are thinking? Why don't they understand? This handbook provides productive approaches to these and other questions. Written by scientists who are also educators, the handbook offers suggestions for having a greater impact in the classroom and provides resources for further research.