Foundations Of Drawing A Practical Guide To Art History Tools Techniques And Styles

This book is a creative and practical introduction to the field of digital media for future designers, artists, and media professionals. It addresses the evolution of the field, its connections with traditional media, up-to-date developments, and possibilities for future directions. Logically organized and thoughtfully illustrated, it provides a welcoming guide to this emerging discipline. Describing each medium in detail, chapters trace their history, evolution, and potential applications. The book also explains important, relevant technologies—such as digitizing tablets, cloud storage, and 3-D printers—as well as new and emerging media like augmented and virtual reality. With a focus on concepts and creative possibilities, the text's software-neutral exercises provide hands-on experiences with each of the media. The book also examines legal, ethical, and technical issues in digital media, explores career possibilities, and features profiles of pioneers and digital media professionals. Digital Media Foundations is an ideal resource for students, new professionals, and instructors involved in fields of graphic and visual arts, design, and the history of art and design.

Foundations of Color by Jeff Davis provides a straightforward examination of the major topics of color theory. Written in a clear and concise style, this text presents the basic concepts of color in a logical order, with each chapter building on the next. The book employs a highly visual design with numerous diagrams that elegantly illustrate each color principle. The diagrams are paired with relevant examples of contemporary art that connect theory to application. Foundations of Color has been written to be accessible by anyone with an interest in art or design. The efficient, practical approach provides useful guidance for beginning students and practicing professionals alike. Bridging traditional color theory with modern and digital applications, this book is appropriate for any creative field, including fine art, graphic design, interior design, fashion, photography, and web design. Foundations of Color is an essential addition to any art and design library. TABLE OF CONTENTS Chapter 1 - Color provides an introduction to the phenomenon of color, the physics of light, and color vision. Chapter 2 - Hue examines the defining property of hue and explores the idea of color temperature through warm and cool hues. Chapter 3 - Value examines the defining property of value and explores the use of a value scale for measuring normal value. Chapter 4 - Saturation examines the defining property of saturation, from chromatic to neutral to achromatic colors. It also

discusses the color variations of tints, tones, and shades. Chapter 5 - Color Systems outlines systems for organizing color, from traditional paint to contemporary additive and subtractive systems. Primary, secondary, and tertiary hues are identified and organized into a color wheel for each color system. Chapter 6 - Color Schemes explores methods for developing color schemes, including monochromatic, analogous, and complementary relationships. Additional combinations focusing on hue, value, and saturation are examined for achieving color harmony. Chapter 7 - Color Interaction explores the interaction of color and effects such as afterimage, simultaneous contrast, optical mixing, and vibration. Chapter 8 - Color Composition concludes by reviewing the compositional effects of color. Topics include color's impact on emphasis, balance, space, and unity.

Provides instruction on drawing objects and environments from the imagination, constructing accurate perspective grids, and experimenting with various mediums.

Drawing upon the wisdom of experts in the field, this reader-friendly volume of Community Psychology edited by Victoria Scott and Susan Wolfe explores both foundational competencies and the technical how-to skills needed for engaging in community psychology practice. Each chapter explores a core competency and

its application in preventing or amending community problems and issues. With case examples throughout, this book offers a practical introduction to community outreach and intervention in community psychology.

"An approachable and inspiring guide to sketching and painting the world around you including nature drawing, urban sketching, travel drawing, drawing from memory or photos, and sketch journaling"--

The "Red Book" presents a background to conventional foundation analysis and design. The text is not intended to replace the much more comprehensive 'standard' textbooks, but rather to support and augment these in a few important areas, supplying methods applicable to practical cases handled daily by practising engineers and providing the basic soil mechanics background to those methods. It concentrates on the static design for stationary foundation conditions. Although the topic is far from exhaustively treated, it does intend to present most of the basic material needed for a practising engineer involved in routine geotechnical design, as well as provide the tools for an engineering student to approach and solve common geotechnical design problems.

The popular author of Classroom Instruction That Works discusses 10 questions that can help teachers sharpen their craft and do what really works for the particular students in their classroom.

This unique book, the first published on the subject, provides an introduction to the theory of macrotransport processes, a comprehensive effective-medium theory of transport phenomena in heterogeneous systems. The text begins with a relatively simple approach to the basic theory before turning to a more formal theoretical treatment which is extended in scope in each successive chapter. Many detailed examples, as well as questions appearing at the end of each chapter, are included to demonstrate the practical implementation of the theory. Macrotransport Processes is aimed at an audience already familiar with conventional theories of transport phenomena. This audience especially includes graduate students in chemical, mechanical, and civil engineering departments, as well as applied mathematicians, biomechanicists, and soil physics, particularly those with interests in problems of flow and dispersion in porous media.

The Ultimate Beginner's Guide to Drawing Figures! To draw an anatomical figure, you don't need a stack of weighty anatomy books. Just take it step by step! In How to Draw People, author Jeff Mellem teaches beginning artists how to draw the human figure, from stick figure to anatomically accurate person, in clear, easy-to-follow lessons. More than just a reference, this book provides the step-by-step instruction to teach you to draw the human figure and the anatomical knowledge to draw it realistically. In each chapter, called "levels," you'll learn core concepts for drawing the human figure. Each new chapter builds on the previous one to give you the skills you need to add complexity to your drawing. By the end of each chapter, you will

be able to draw the figure with greater detail. By the end of Level 5, you will be able to draw an expressive figure with defined muscle groups in a variety of poses both real and imagined. • Clear goals to progress from stick figure to anatomically correct • Exercises and assignments to practice new skills • Level-Up Checklists in each chapter to assess your skills before moving on With clear step-by-step demonstrations and check-ins along the way, How to Draw People is the beginner's guide to drawing realistic figures.

Drawing activities, art instruction, and advice for artists and non-artists alike. Urban sketching--the process of drawing on the go as a regular practice--is a hot trend in the drawing world. It's also a practical necessity for creatively minded people in a busy world. In this aspirational guide, self-taught French artist France Belleville-Van Stone emboldens readers to craft a ritual of their own and devote more time to art, even if it's just 10 minutes a day. She offers motivation to move beyond the comfort zone, as well as instruction on turning rough sketches into finished work. Belleville Van-Stone learned how to draw through her own daily practice and knows first-hand how hard it is to find time to incorporate creativity into a busy life. She encourages and teaches us how to do it with advice and guidance such as: · An A-to-Z list of daily sketch prompts, from airports to bananas, faces to hands, meetings and workplaces · Tips on what drawing supplies you can and should have--and how to carry them around · Sections on accepting mistakes, drawing with limited resources, and redefining completion · Plusses and minuses of going digital, including apps, styluses, and brushes For those of us who dream of drawing in the minutes between school and work, bathtime and bedtime, and waking and walking out the door, the practical advice in Sketch! is a revelation. By sharing her own creative process, Belleville-Van Stone Sketch inspires artists both established and

aspiring to rethink their daily practice, sketch for the pure joy of it, and document their lives and the world around them.

Helps the reader gain access to right-brain functions, which affect artistic and creative abilities, by teaching the skills of drawing through unusual exercises designed to increase visual skills

Get a realisitic guide to producing construction documents that clearly communicate the interior space of new construction, remodeling, or installation projects with Construction Drawings and Details for Interiors. This highly visual book: includes such details as furniture, finishes, lighting, and others. features authors? drawings as well as those from practicing professionals. covers drafting fundamentals and conventions; drawing types, plans, and schedules; and computer-aided design. addresses graphic language as a communication tool. details the process of creating construction documents, the use of computers, and various reproduction systems and standards. includes examples of both residential and commercial interiors. is an essential reference for NCIDQ examination. Order your copy today.

A comprehensive guide to creating and developing comic book and graphic novel art, from the Savannah College of Art and Design (SCAD), one of the world's leaders in sequential arts instruction. John Lowe, Dean of the School of Communication Arts at SCAD, presents an in-depth primer on the tools and techniques used by top sequential artists to crate comic books, graphic novels, and other sequential art forms. Based on SCAD's world-famous sequential arts curriculum with examples of professional comic book art from their faculty and alumni, the book uses detailed instruction and step-by-step examples to teach key artistic methods like sketching, thumbnailing, reference gathering, and using production/digital design methods. This book covers all the materials and methods aspiring artists need to master to make it as

sequential artists.

The Trinity is foundational to Christian theology, with immense relevance for practical living. This volume offers trinitarian readings of each New Testament corpus and focuses on the importance of the doctrine for Christian life and ministry.

A "survey of drawing as an art form covering its history, materials, and key techniques, alongside step-by-step demonstrations"--

From a leading art instructor at the Pennsylvania Academy of Fine Arts in Philadelphia, a complete survey of drawing as an art form covering its history, materials, and key techniques, alongside step-by-step demonstrations. Foundations of Drawing is a comprehensive and authoritative overview of the history, aesthetics, methods, and materials of the drawing medium. Throughout, clearly defined demonstrations provide easy access to the practice of drawing as well as the history and development of core drawing techniques. Richly illustrated, the book contains reproductions of the finest master drawings from the fifteenth century to the present. Unlike other drawing instruction books that focus on step-by-step lessons exclusively, Foundations of Drawing provides readers with the context and background to help understand just why these materials and methods are so vital for successful drawing.

This book is about the basis of mathematical reasoning both in pure mathematics itself (particularly algebra and topology) and in computer science (how and what it means to prove correctness of programs). It contains original material and original developments of standard material, so it is also for professional researchers, but as it deliberately transcends disciplinary boundaries and challenges many established attitudes to the

foundations of mathematics, the reader is expected to be open minded about these things.

The illustrator Andrew Loomis (1892-1959) is revered amongst artists - including the great American painter Norman Rockwell and comics superstar Alex Ross - for his mastery of figure drawing and clean, Realist style. His hugely influential series of art instruction books have never been bettered. Drawing the Head and Hands is the second in Titan s programme of facsimile editions, returning these classic titles to print for the first time in decades.

This guide for teaching and learning the foundations of drawing-based art features step-by-step methods that easily translate into classroom exercises for the college-level art teacher. Line & color illustrations. 5,000.

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical

background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

Often the finest artists do not make the best teachers. Many frustrated college students of art know this all too well as they suffer through unstructured classes with inexperienced teachers or graduate student instructors. In these situations, it is easy to blame the teachers. But the problem is largely institutional: most students graduating with MFAs from art schools receive little if any instruction in teaching art. If you find yourself in this predicament as teacher or student, this book is for you. The first book to provide a comprehensive guide for teaching college-level art, The Art of Teaching Art is the culmination of respected artist and instructor Deborah Rockman's two decades of teaching experience. Believing that drawing is the backbone of all of the visual arts, she begins with a complete explanation of drawing concepts that apply to any subject matter, e.g., composition, sighting processes, scaling techniques, and methods for linear and tonal development. She then illustrates these concepts with step-by-step methods that easily translate to classroom exercises. Next, she applies the drawing principles to every artist's most important and challenging subject, the human figure. After an extended section on understanding and teaching perspective that explores

illusionistic form and space, the focus of the book shifts to the studio classroom itself and the essential elements that go into making an effective learning environment and curriculum. From preparing materials lists and syllabi, to setting up still-lifes, handling difficult classroom situations, critiquing and grading student artworks, and shooting slides of student artworks, she leaves no stone unturned.

Whether you are creating a catchy and fun cartoon, designing a print banner advertisement, or developing content for a mobile game, save time and money with expert techniques, trips and tricks from by Adobe Certified Expert, Rafiq Elmansy with Illustrator Foundations. With practical applications and step by step tutorials, solve problems quickly to develop creative projects on time and to budget. Want to hone your Illustrator skills so you can remain competitive in a diverse market while concentrating on your vector graphics projects? Then Illustrator Foundations is for you! With real-world professional projects you'll discover how to: develop mobile applications, work with layers, masks, vector images and many more tips and tricks not found anywhere else! Harness the full Creative Suite software package with tips on how to integrate Illustrator with Photoshop and After Effects. This book is a goldmine of artistic inspiration, timesaving practical tips, tricks and step-by-step walkthroughs; you'll wonder how you survived this long without it. Put the Adobe Illustrator CS6 techniques to the test with the fully updated companion website with downloadable Illustrator source files, examples and video tutorials. Conquer the complexities of the Adobe

Illustrator software package and explore the myriad of tips and tricks based on real-world working methods to help you work faster and more efficiently and to budget! Gain the best possible results from problem to the solution for your advertisements, websites, cartoons or mobile application development and remain competitive in a diverse market with the tried and true methods of a professional graphic designer and illustrator. Adapt Illustrator techniques to your own Adobe Creative Suite workflow with coverage on integrating After Effects, Flash and Photoshop with Illustrator. Put the Adobe Illustrator CS6 cheats to the test with the fully updated companion website with downloadable Illustrator source files, examples and video tutorials. Enhance your creative toolkit with the Illustrator CS6 cheats and examples featuring practical solutions for the busy artist with extensive coverage of HTML-5, mobile and web content development, blob brush, bristle brush and perspective grid, color palettes and more!

Fuses design fundamentals and software training into one cohesive book ! The only book to teach Bauhaus design principles alongside basic digital tools of Adobe's Creative Suite, including the recently released Adobe CS4 Addresses the growing trend of compressing design fundamentals and design software into the same course in universities and design trade schools. Lessons are timed to be used in 50-minute class sessions. Digital Foundations uses formal exercises of the Bauhaus to teach the Adobe Creative Suite. All students of digital design and production—whether learning in a

classroom or on their own—need to understand the basic principles of design in order to implement them using current software. Far too often design is left out of books that teach software. Consequently, the design software training exercise is often a lost opportunity for visual learning. Digital Foundations reinvigorates software training by integrating Bauhaus design exercises into tutorials fusing design fundamentals and core Adobe Creative Suite methodologies. The result is a cohesive learning experience. Design topics and principles include: Composition; Symmetry and Asymmetry; Gestalt; Appropriation; The Bauhaus Basic Course Approach; Color Theory; The Grid; Scale, Hierarchy and Collage; Tonal Range; Elements of Motion. Digital Foundations is an AIGA Design Press book, published under Peachpit's New Riders imprint in partnership with AIGA, the professional association for design.

All the movers, shakers and change-makers of the world continue to tackle the growing list of problems facing humanity. However, there's a problem. Nonprofits and foundations need each other to fulfil their quest to eradicate global poverty like a unicorn needs a rainbow, but the way in which they work together is far from perfect. Enter the Unicorns. Part relationship-counseling, part manifesto, part workbook. Unicorns Unite provides the game-changing ideas and talking points for the conversation we really need to have; how can non-profits and foundations work better together?

The art of portraiture approached its apex during the sixteenth century in Europe

with the discovery of oil painting when the old masters developed and refined techniques that remain unsurpassed to this day. The ascendance of nonrepresentational art in the middle of the twentieth century displaced these venerable skills, especially in academic art circles. Fortunately for aspiring artists today who wish to learn the methods that allowed the Old Masters to achieve the luminous color and subtle tonalities so characteristic of their work, this knowledge has been preserved in hundreds of small traditional painting ateliers that persevered in the old ways in this country and throughout the world. Coming out of this dedicated movement, Portrait Painting Atelier is an essential resource for an art community still recovering from a time when solid instruction in art technique was unavailable in our schools. Of particular value here is a demonstration of the Old Masters' technique of layering paint over a toned-ground surface, a process that builds from the transparent dark areas to the more densely painted lights. This method unifies the entire painting, creating a beautiful glow that illuminates skin tones and softly blends all the color tones. Readers will also find valuable instruction in paint mediums from classic oil-based to alkyd-based, the interactive principles of composition and photograph-based composition, and the anatomy of the human face and the key relationships among its features. Richly illustrated with the work of preeminent masters such

as Millet, Géricault, and van Gogh, as well as some of today's leading portrait artists—and featuring seven detailed step-by-step portrait demonstrations—Portrait Painting Atelier is the first book in many years to so comprehensively cover the concepts and techniques of traditional portraiture.

• New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world "At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope." —Per Espen Stoknes, Author, What We Think About When We Try Not To Think About Global Warming "There's been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom." —David Roberts, Vox "This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook." —Peter Kareiva, Director of the Institute of the Environment and Sustainability,

UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

An entertaining, informative, and eminently useful guide that draws on psychology, data, and real-world experience to explain what really drives successful fundraising. In The Forgotten Foundations of Fundraising, Jeremy Beer and Jeff Cain, cofounders of American Philanthropic, a leading consulting firm for nonprofit organizations, offer practical lessons and unconventional

wisdom for both nonprofit leaders and novices in the art and science of raising money. Drawing upon a wealth of experience, deploying an army of anecdotes, and using eye-opening American Philanthropic survey data, the authors provide a brisk, irreverent, and supremely useful introduction to fundraising for charities and nonprofits. The book explains the hows and whys of a variety of fundraising techniques, from direct mail to planned giving programs. It explores the benefits and pitfalls of prospect research, the keys to donor retention, and the essential elements of a healthy nonprofit culture. It gives insightful advice on making personal meetings count, soliciting foundations, and training young fundraisers. And it does so with sprightly prose and sharp observations. You'll never read another fundraising book quite like this one. Expertly deflating the pretensions of those who would make fundraising a bureaucratic and esoteric profession, Beer and Cain elucidate the practical knowledge and relationship skills that still matter more than anything else. They make an impassioned plea for the importance of civil society to American democracy and build a compelling case for fundraising as an honorable component of a healthy civic culture. Philanthropy is not about bottom lines and return on investment—successful fundraisers provide a platform for donors to affirm their ideals, values, and morals. Fundraising is serious, but learning about it needn't be a chore. The Forgotten Foundations of Fundraising

is at once eminently practical and absolutely delightful.

Surveys the different types of colored pencils and describes techniques for their artistic use in drawing

This book focuses on drawing the perfect eye using a pencil and eraser. Step by step learn how to layer and shade the iris, pupil, brow, eyelid and nasal area. Learn the basics; the structure of the eye, the parts of the eye, and shading methods. Once you master these methods you will be able to use the same methods on the other parts of the face.

This text develops a comprehensive theory of programming languages based on type systems and structural operational semantics. Language concepts are precisely defined by their static and dynamic semantics, presenting the essential tools both intuitively and rigorously while relying on only elementary mathematics. These tools are used to analyze and prove properties of languages and provide the framework for combining and comparing language features. The broad range of concepts includes fundamental data types such as sums and products, polymorphic and abstract types, dynamic typing, dynamic dispatch, subtyping and refinement types, symbols and dynamic classification, parallelism and cost semantics, and concurrency and distribution. The methods are directly applicable to language implementation, to the development of logics for reasoning about

programs, and to the formal verification language properties such as type safety. This thoroughly revised second edition includes exercises at the end of nearly every chapter and a new chapter on type refinements.

The definitive guide to encouraging drawing and creativity, for parents and teachers alike Mona Brookes's clear and practical approach to drawing has yielded astounding results with children of all ages and beginning adults. Her unique drawing program has created a revolution in the field of education and a sense of delight and pride among the thousands of students who have learned to draw through her "Monart Method." This revised and expanded edition includes:
• Information on multiple intelligence and the seven ways to learn • An inspirational chapter on helping children with learning differences • An integrated-studies chapter with projects geared for reading, math, science, ESL, multicultural studies, and environmental awareness • A sixteen-page color insert and hundreds of sample illustrations This invaluable teaching tool not only guides readers through the basics, but also gives important advice on creating a nurturing environment in which self-expression and creativity can flourish. Both practical and enlightening, Drawing With Children inspires educators and parents to bring out the artist in each of us.

Packed with hundreds of examples of classic and contemporary art,

FOUNDATIONS OF ART AND DESIGN, 2E delivers a comprehensive guide to basic design that provides the ideal foundation to design principles. Appealing to readers at every ability level, the text's logical and structured organization moves from micro to macro topics, enabling learners to build on ideas and concepts of design and better understand the material. A running glossary defines key terms in the margins of the text, while two Visual Glossaries at the end of the book focus on styles and mediums. In addition, new Theory and Practice boxes help readers more deeply analyze artwork, and Artists on Art boxes offer insight from professional artists. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Focusing on the pragmatic aspects of social work with gay and lesbian persons, this book offers a knowledge base of practice that will better prepare students and practitioners for working more competently and effectively with lesbians and gay men. Written by scholars and practitioners in the social work profession, Foundations of Social Work Practice with Lesbian and Gay Persons teaches you how to develop practice approaches that are sensitive to issues of sexual orientation as well as how to work with this population in the contexts of practice with individuals, couples, families, groups, communities, and organizations. The book's sensible strategies and case studies provide you with critical information that will help you deal with homophobia and

heterocentrism and enact a professional commitment to pursuing economic and social equality for diverse and at-risk client populations. A foundation-level text on social work practice with gays and lesbians, this book is designed to provide social work students, academics, and practitioners with an understanding of the values and ethics fundamental to practice with this group of clients. Foundations of Social Work Practice with Lesbian and Gay Persons summarizes the variety of issues, dynamics, and techniques required to work effectively with gay and lesbian clients who are at different points in their development and life cycles. To further help you in your practice, it also discusses: providing skilled professional assistance to gay victims of hate crimes how homophobia can prevent lesbians and gay men from receiving adequate services the obstacles social workers sometimes face when trying to integrate the core set of professional values and ethical principles into their practice practitioner self-disclosure regarding sexual identity developmental milestones for lesbian and gay persons alcohol and substance abuse among lesbians family therapy concepts of fusion and enmeshment same gender socialization assessing issues of sexual expression Counselors, social workers, and students and academics in gay and lesbian studies will find that Foundations of Social Work Practice with Lesbian and Gay Persons greatly expands the social work knowledge base to disrupt the impact of institutional, individualized, and internal homophobia on social workers, their clients, and the institutions in which social workers practice. Its flexible and creative treatment

approaches to therapy with sexual minorities are sure to help you sensitize your therapeutic techniques and improve the quality of care you deliver.

"Teaches art and design principles with references to contemporary digital art alongside basic digital tools in Adobe Creative Cloud"--Cover, page [4].

Foundations of Design by Jeff Davis provides a straightforward examination of the basic principles of two-dimensional design. Written in a clear and concise style, this textbook presents the elements of design in a logical order, with each chapter building on the next. The book employs a highly visual design with numerous diagrams that elegantly illustrate the fundamental design concepts. The diagrams are paired with relevant examples of contemporary art that connect theory to application. Foundations of Design has been written to be accessible by anyone with an interest in art or design. The efficient, practical approach provides useful guidance for beginning students and practicing professionals alike. The universal ideas on visual communication are appropriate for any creative field, including fine art, graphic design, advertising, illustration, web design, and photography. Foundations of Design is an essential addition to any art and design library. TABLE OF CONTENTS Chapter 1 - Design Chapter 2 - Format Chapter 3 - Line Chapter 4 - Shape Chapter 5 - Size Chapter 6 - Color Chapter 7 - Texture Chapter 8 - Composition Chapter 9 - Space Chapter 10 - Grouping Chapter 11 - Contrast Chapter 12 - Balance Chapter 13 - Emphasis Chapter 14 - Movement Chapter 15 - Unity

Pipe designers and drafters provide thousands of piping drawings used in the layout of industrial and other facilities. The layouts must comply with safety codes, government standards, client specifications, budget, and start-up date. Pipe Drafting and Design, Second Edition provides step-by-step instructions to walk pipe designers and drafters and students in Engineering Design Graphics and Engineering Technology through the creation of piping arrangement and isometric drawings using symbols for fittings, flanges, valves, and mechanical equipment. The book is appropriate primarily for pipe design in the petrochemical industry. More than 350 illustrations and photographs provide examples and visual instructions. A unique feature is the systematic arrangement of drawings that begins with the layout of the structural foundations of a facility and continues through to the development of a 3-D model. Advanced chapters discuss the customization of AutoCAD, AutoLISP and details on the use of third-party software to create 3-D models from which elevation, section and isometric drawings are extracted including bills of material. Covers drafting and design fundamentals to detailed advice on the development of piping drawings using manual and AutoCAD techniques 3-D model images provide an uncommon opportunity to visualize an entire piping facility Each chapter includes exercises and questions designed for review and practice

The Creative Eye - vision, drawing and the brain is a textbook for the next generation of visual artists about How To Draw - the very act of drawing and the act of human sight.

This book takes the teaching tradition of the previous 80 years and hauls it into the 21st century. It provides a masterclass of research and practical examples for students, instructors, professional artists, life drawing classes, and any reader curious about creativity. The Creative Eye closely examines the act of drawing, the act of human vision, includiong depth vision, not just "seeing flat" as is taught by recent how-to-draw manuals. How do the eyes really see? The Creative Eye accesses new research explaining what goes on in the hard-working visual brain - even what hinders us as we try to draw. Spears' method, developed over nearly half a century of international teaching, obsessive drawing and more than 20 books published, began as studio experiments and emerged as unique exercises in drawing. The book uses hundreds of illustrations of her own and student work, research on visual perception, and quotes and anecdotes of artists and poets. Heather persuades, informs and stimulates both the student and professional artist, injecting the fun and enthusiasm of the classroom into this new and amazing work. The Creative Eye stands highly praised, a modern classic in the theory and practice of drawing.

This edited collection is the first complete guide for rehabilitation professionals seeking to engage a whole-person, biopsychosocial, and mind-body medicine integrated approach to care. Drawing on the foundations of integrative medicine, Integrative Rehabilitation Practice (IRP) goes beyond the treatment of symptoms to explore multiple levels, roots, and possible contributing factors to individual's health experience.

IRP acknowledges the complex inseparability of biological, behavioral, psychosocial, spiritual, and environmental influences. The book covers both the theoretical foundations of IRP and applications to practice in the fields of physical therapy, occupational therapy, yoga therapy, speech and language therapy, and many other professions. Featuring contributions from Matthew J. Taylor, Marlysa Sullivan, Andra DeVoght and other professionals, case studies, storytelling, and reflective exercises, this cross-disciplinary clinical training guide is essential reading for all rehabilitation professionals, as well as others interested in advancing whole-person care.

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