



Experts in Career and Technical Education

6–12 Education • 2024

Agriculture, Food, and Natural Resources

Architecture and Construction

Arts, A/V Technology, and Communications

Business, Marketing, and Finance

Career Education

Computer Science and Information Technology

FCS—Education and Training

FCS—Hospitality, Food, and Tourism

FCS—Human Services

Health Science

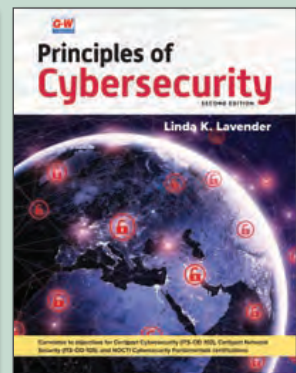
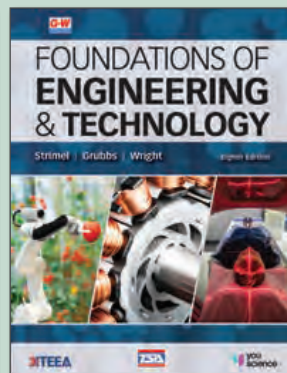
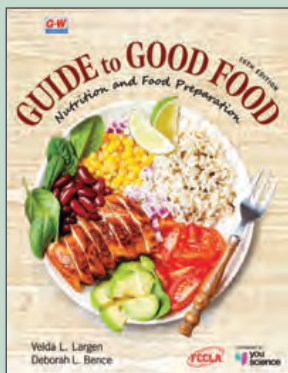
Manufacturing

STEM

Transportation, Distribution, and Logistics



Flexible learning options:
Print, Digital, or Both



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Student Success Is at the Heart of What We Do.

Let's work together to prepare students for their lives and careers!

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STEP TWO: Access a complete solution for teachers and students.

- Print or Online**
 - Textbooks
 - Workbooks/Lab Manuals
- Online**
 - Activities
 - Lesson Plans
 - Presentations
 - Assessments
 - Videos and Animations

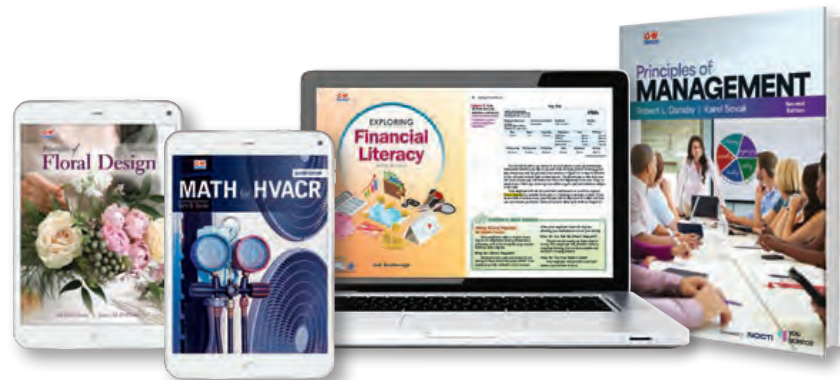


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* Includes Family & Consumer Sciences

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G-W Ignite

Skillful Digital Learning

A digital experience that moves students *beyond the classroom.*



Powerful Content helps students develop the skills they need for the future. Integrate Ignite with your LMS or use it as a standalone platform.



Meaningful Activities spark student interest and provide hands-on engagement.



Robust Reporting across standards, students, classes, and schools in a district guides teachers and enables data-driven instruction.

See pages 13, 14, 17, and 22 for titles that feature Ignite—additional titles coming soon!

Visit www.g-w.com/ignite to learn more.

Professional Development

4,000 educators served and counting

98% PD customer satisfaction

60 PD sessions facilitated last year

Empowering educators through meaningful learning experiences improves the quality and effectiveness of teaching.

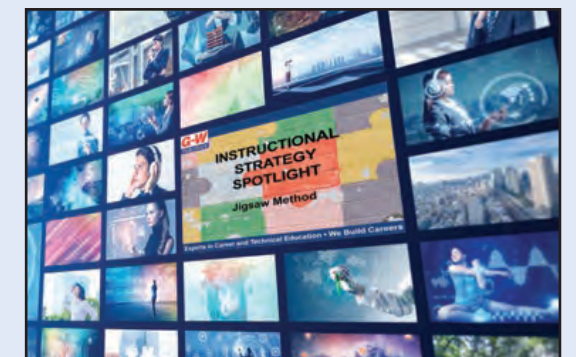
Let G-W provide your team with personalized instructional design options and high-quality Professional Development (PD) that deliver new knowledge, skills, and experiences to help you improve and grow in your career. **Learn more at www.g-w.com/pd**

Most Popular PD Sessions:

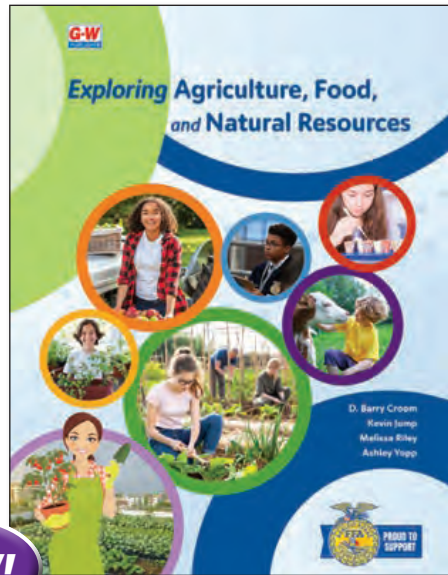
- Activate the Textbook
- 5 Instructional Strategies in 50 Minutes
- 5 Effective Strategies to Unlock the Power of Classroom Discussion



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Explore our extensive webinar library!

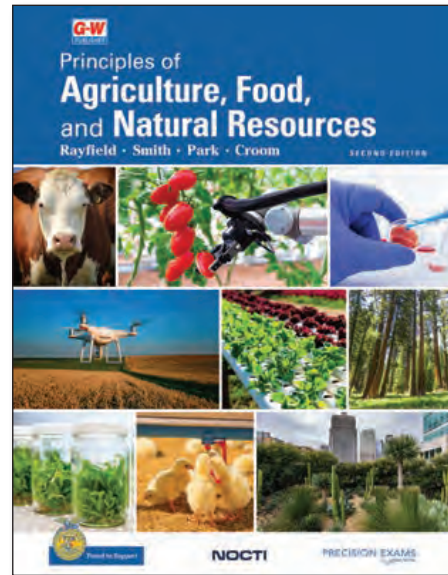


NEW!

Introduce middle school students to a wide variety of opportunities in agricultural education and careers

76 flexible, standalone lessons are introduced by diverse characters that span the agriculture career pathways

©2024, 844 pp.
by D. Barry Croom, Kevin Jump, Melissa Riley, and Ashley Yopp



An introduction to modern agriculture written by leading educators

Aligned with National AFNR Career Cluster Content Standards; introduces students to FFA opportunities

©2023, 2e, 1,061 pp.
by John S. Rayfield, Kasee L. Smith, Travis D. Park, and D. Barry Croom

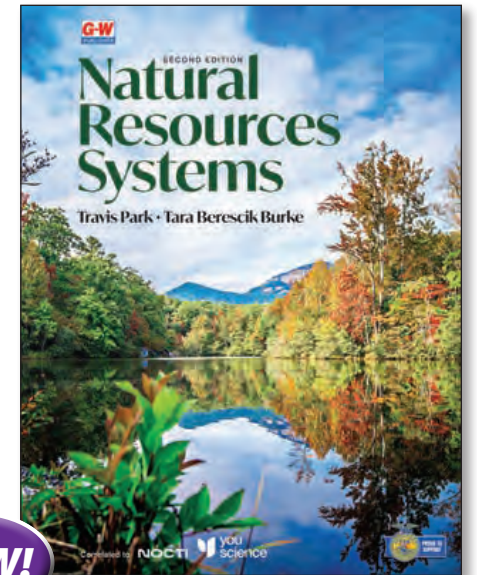


NEW!

An in-depth and hands-on resource that supports FFA Career and Leadership Development Events

Features animal-specific sections covering the industry, production, management and care, selection and evaluation, and classification and breeds

©2025, 1,024 pp.
by John S. Rayfield, Kasee L. Smith, Jeremy Falk, Kattlyn Wolf, Allen Pettey, Andrew Benson, Jessica Fife, and Noe Alberto Gomez

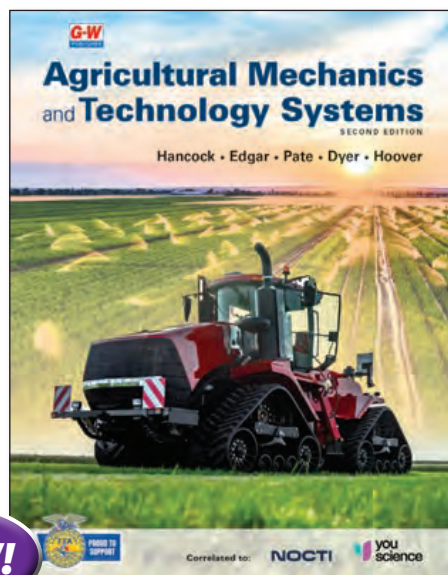


NEW!

A comprehensive text that introduces students to conservation and natural resources management

Covers soil, air, water, endangered species, fisheries, game management, and cartography—features a stunning design and illustrated glossary

©2025, 2e, 824 pp.
by Travis Park and Tara Berescik Burke

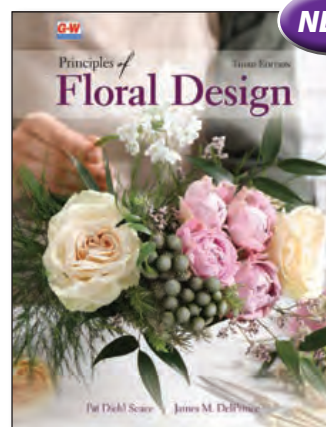


NEW!

Safety-first coverage of all major skilled trade disciplines in agricultural contexts

Includes construction, electricity, welding, and power systems

©2024, 2e, 1,002 pp.
by J.P. Hancock, Don W. Edgar, Michael L. Pate, Lori A. Dyer, and W. Brian Hoover



NEW!

A beautiful resource introducing the theory and skills required to begin a career as a floral designer

Includes 75 illustrated, step-by-step procedures for hands-on learning

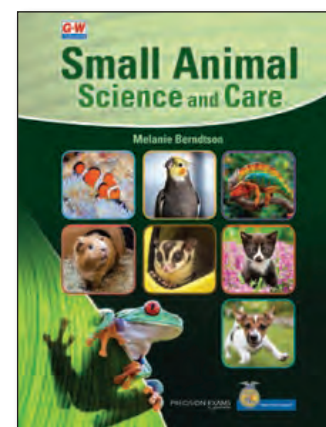
©2025, 3e, 673 pp.
by Pat Diehl Scace and James M. DelPrince



A contemporary option for introductory horticulture or plant science courses

Hands-on Horticulture and Student Lab Workbook activities provide practical applications for the industry

©2023, 2e, 962 pp.
by Jodi Songer Riedel and Elizabeth Driscoll



A comprehensive resource on animal nutrition, pet first aid, and working in the small animal industry

Aligned with AFNR Animal Science pathway and NGSS Standards

©2023, 742 pp.
by Melanie Berndtson

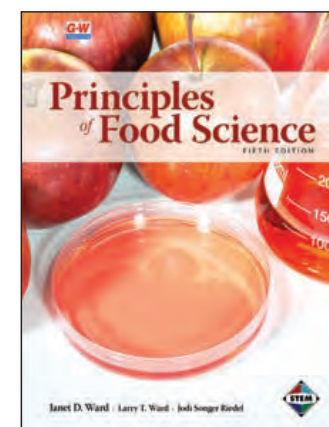


NEW!

Up-to-date coverage of today's landscape industry

Provides hands-on activities to help students learn by doing

©2025, 2e, 654 pp.
by Christopher D. Hart and R. Lee Ivy



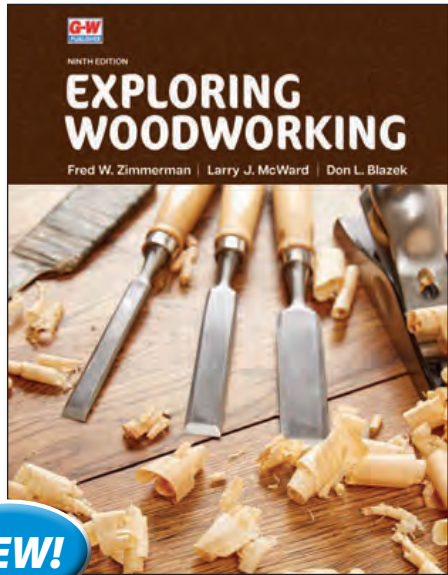
An exploration of how science affects food preparation, processing, and packaging

Covers chemistry, microbiology, and physics as applied to food systems; includes new "Farm Futures" features

©2022, 5e, 608 pp.
by Janet D. Ward, Larry T. Ward, and Jodi Songer Riedel



See pages 19 and 23



NEW!

Beginner-level woods instruction with additional small projects

Encourage further study into construction pathways with a foundation in safety and tool identification

©2024, 9e, 372 pp.
by Fred W. Zimmerman, Larry J. McWard, and Don L. Blazek



Detailed coverage of all aspects of light construction

Includes hard skills, soft skills, careers, and expanded green building practices; heavily illustrated

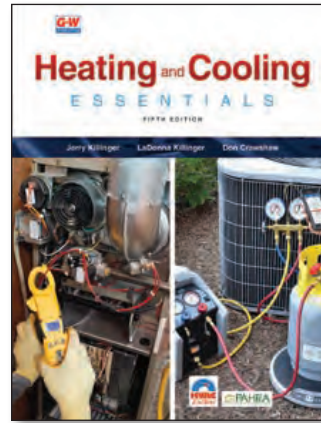
©2022, 13e, 1,024 pp.
by R. Jack Jones, Willis H. Wagner, Howard "Bud" Smith, and Mark W. Huth



A complete solution for cabinetmaking and woodworking courses; new digital resources!

Aligned to Woodwork Career Alliance credentials

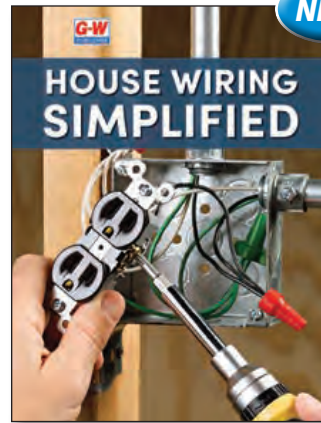
©2023, 6e, 1,104 pp.
by Patrick A. Molzahn, William D. Umstattd, and Charles W. Davis



A highly illustrated text for students entering the HVACR field

Emphasizes the techniques needed for installation, service, and repair

©2022, 5e, 800 pp.
by Jerry Killinger, LaDonna Killinger, and Don Crawshaw

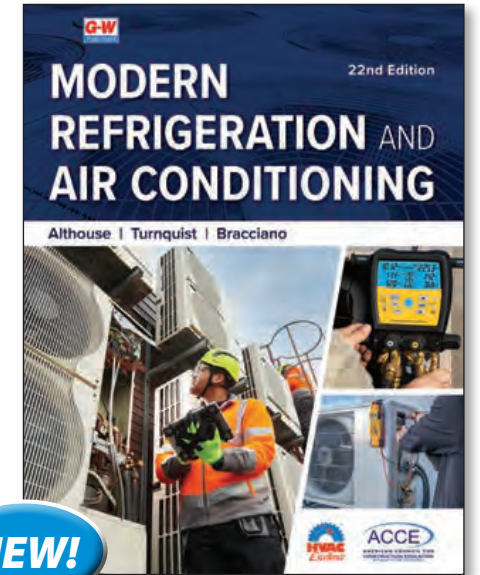


NEW!

Clear and simple explanations with colorful illustrations

Supplement any trades program to quickly learn electrical basics

©2024, 15e, 160 pp.
by Floyd M. Mix



NEW!

The standard of excellence with a fantastic new instructional design to help students master important skills

Includes over 200 labs that provide hands-on practice, plus new HVACR videos and a Virtual Toolbox

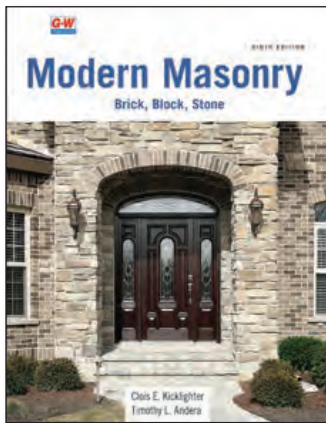
©2025, 22e, 1,408 pp.
by A. D. Althouse, C. H. Turnquist, A. F. Bracciano, D. C. Bracciano, and G. M. Bracciano



Comprehensive instruction for preparing architectural working drawings

Covers BIM and Parametric Modeling

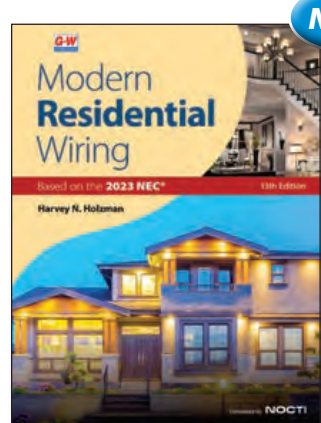
©2023, 13e, 848 pp.
by W. Scott Thomas and Clois E. Kicklighter



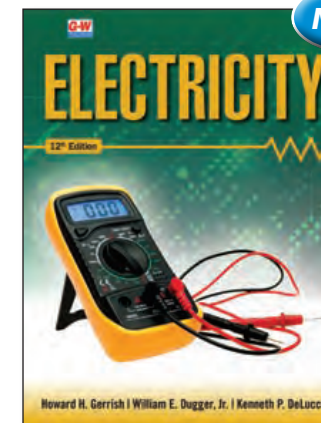
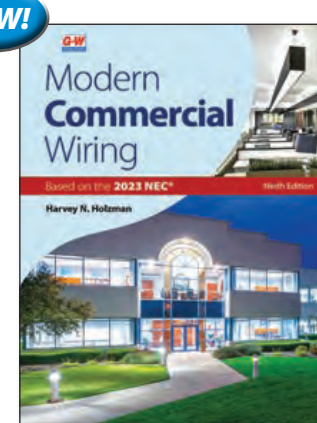
The properties and applications of masonry materials

Teaches safe and proper procedures and provides clear explanations with colorful illustrations

©2022, 9e, 543 pp.
by Clois E. Kicklighter and Timothy L. Andera



NEW!

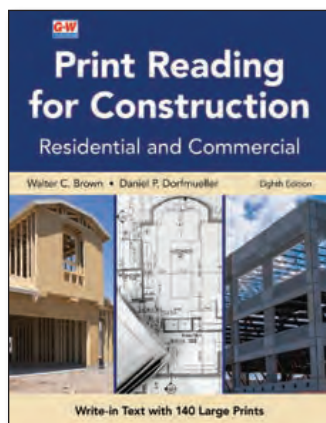


NEW!

Support for introductory or short courses covering basic principles and applications

Includes nine projects to provide students with hands-on learning opportunities

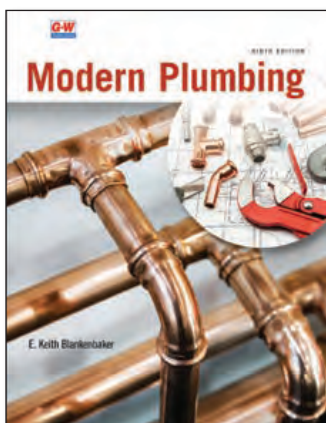
©2024, 12e, 260 pp.
by Howard H. Gerrish, William E. Dugger Jr., and Kenneth P. DeLuca



A practical way to learn and master the skill of print reading for residential and commercial construction

Includes 140 large prints

©2023, 8e, 416 pp.
by Walter C. Brown and Daniel P. Dorfmueller



An introduction to plumbing tools, materials, systems, design, installation, and service

Develops hands-on skills and builds strong foundational knowledge of current technologies and codes

©2022, 9e, 576 pp.
by E. Keith Blankenbaker

Related Titles



See page 7

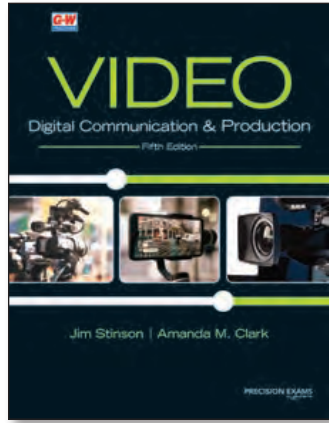
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For Advanced Pathways



NEW!

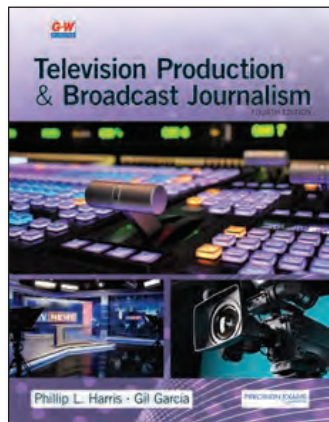
NEW!



For those who want to pursue a career in video production and those who want to produce professional-quality videos for personal use

Covers all aspects of video production from planning to postproduction

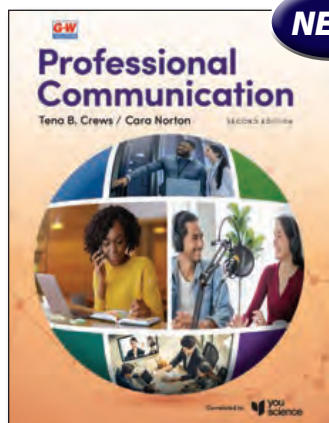
©2023, 5e, 704 pp.
by Jim Stinson and Amanda M. Clark



Coverage of broadcast journalism theory and technical skills necessary to enter the television production industry

Includes techniques for studio and remote location work

©2023, 4e, 688 pp.
by Phillip L. Harris and Gil Garcia



NEW!

Help students meet the challenges of today's digital world, where communication is more important than ever

Spans written, verbal, visual, and digital communication skills

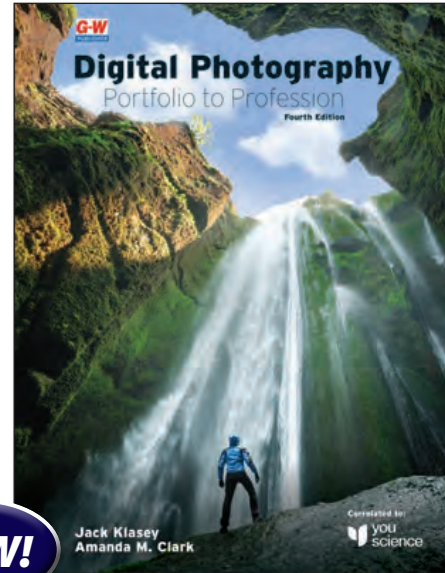
©2024, 2e, 512 pp.
by Tena B. Crews and Cara Norton



The principles, practices, and styles used in traditional and new media

Explains core concepts in a student-friendly way and stresses the importance of effective storytelling

©2021, 2e, 608 pp.
by Janet Ewell, Michelle Balmeo, Ellen Austin, and Randy Hamm

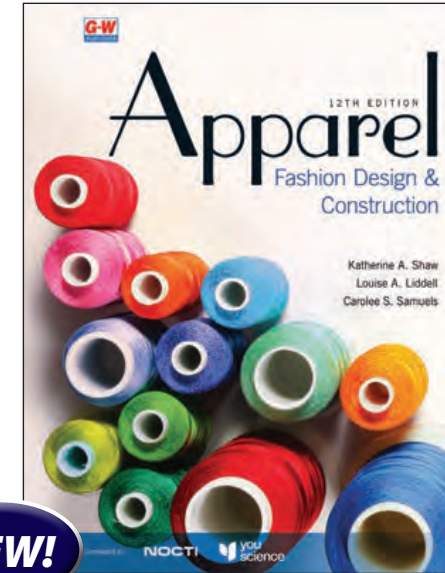


NEW!

Expose students to the technical, artistic, and commercial skills and applications of digital photography

Three NEW chapters highlight mobile photography, mobile postprocessing, and improving lighting

©2024, 4e, 592 pp.
by Jack Klasey and Amanda M. Clark

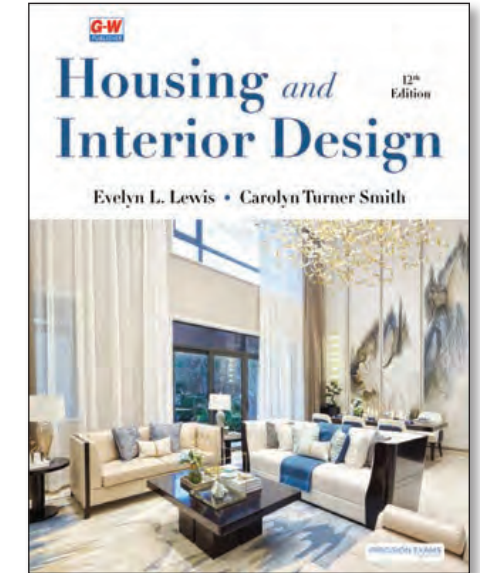


NEW!

A comprehensive introduction to the worlds of apparel and fashion

Teaches the basics of fashion design, textiles, and clothing construction

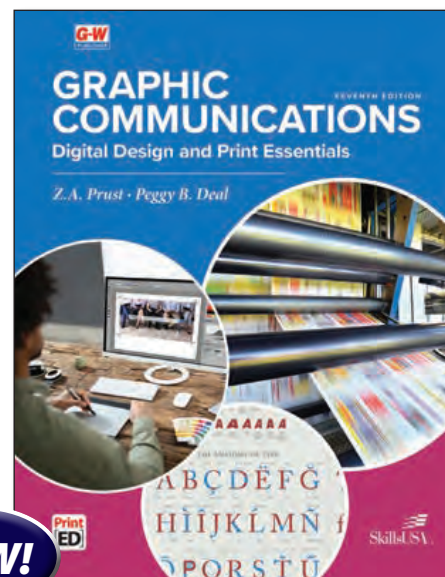
©2024, 12e, 544 pp.
by Katherine Shaw, Louise Liddell, and Carolee Samuels



An introduction to foundational principles and skills characteristic to housing and interiors professions

Covers both interior and exterior design, as well as sustainable/green design

©2023, 12e, 752 pp.
by Evelyn L. Lewis and Carolyn Turner Smith



NEW!

The processes, methods, and equipment used in the graphic design and printing industry

Aligned to industry standards for certification and program accreditation by Print[ED]

©2024, 7e, 510 pp.
by Z. A. Prust and Peggy B. Deal



Clothing construction for all skill levels

A write-in text that teaches apparel construction skills to both beginning and experienced sewing students

©2013, 7e, 480 pp.
by Mary G. Westfall



A fresh approach to interior design that provides opportunities for students to apply skills

Includes an introduction to the field, design fundamentals, and putting knowledge into practice

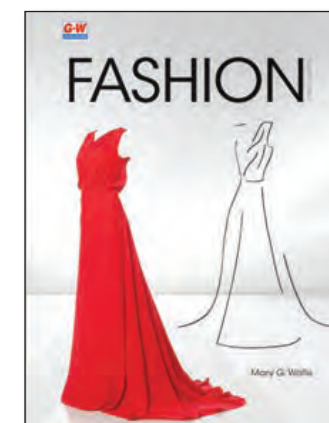
©2017, 736 pp.
by Stephanie A. Clemons



The business aspects of the fashion industry and related career opportunities

Provides foundational information about the basic concepts from design to manufacturing to retail sales

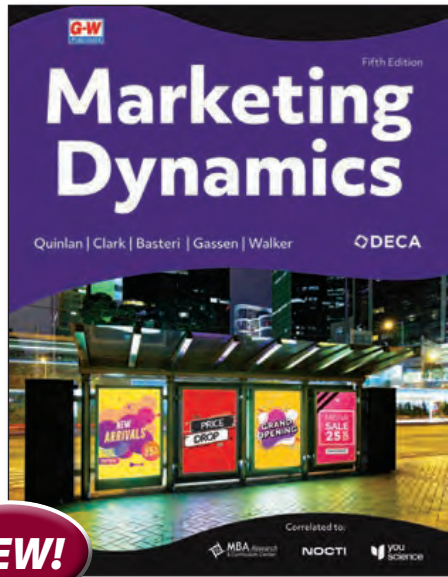
©2019, 5e, 655 pp.
by Mary G. Wolfe



An in-depth look at the exciting world of fashion and the many career opportunities

Includes hundreds of contemporary images that illustrate concepts and enhance learning

©2018, 7e, 528 pp.
by Mary G. Wolfe

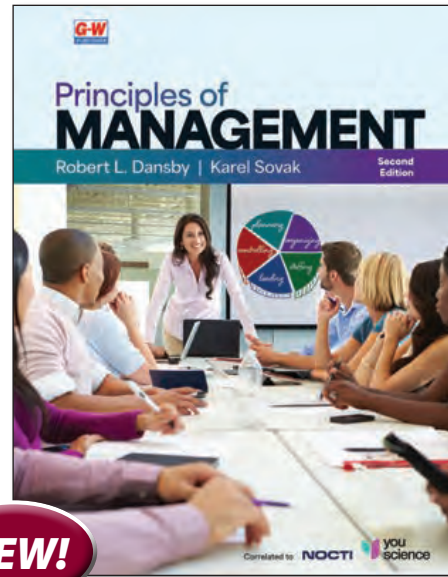


NEW!

Students build a marketing plan; includes new chapters on social media marketing and the marketing pitch

Provides a well-rounded introduction to the four Ps—product, price, place, and promotion

©2024, 5e, 667 pp.
by Cindy Quinlan, Brenda Clark, Cynthia Basteri, Chris Gassen, and Michelle Walker



NEW!

Focuses on the functions of management and other basic business principles

Covers planning, organizing, and leading; how to be a strategic manager; and the importance of professional skills

©2025, 2e, 464 pp.
by Robert L. Dansby and Karel Sovak



NEW!

Built to meet the needs of first-year accounting programs

Three Capstone Simulation activities are included in the text

©2025, 480 pp.
by Carol Volz and Robert L. Dansby



Refresh and streamline your accounting program with these exciting first editions

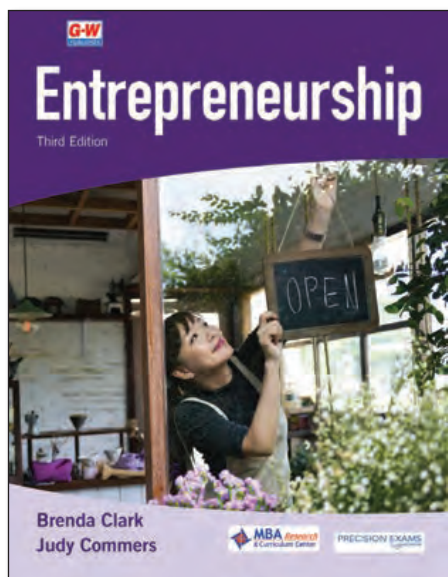


NEW!

Bundle with G-W Accounting to train and assess digital accounting and data skills in the classroom

40 hours of industry-recognized certification prep

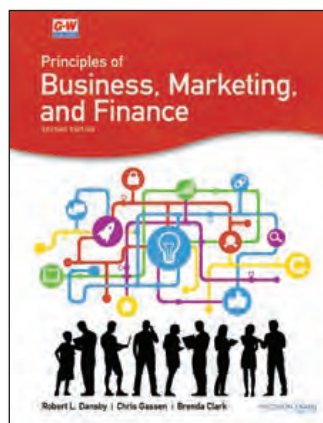
©2024
by AccountingPod



Project-based pedagogy as students create a business plan

Explores the rewards and risks of starting a business, start-up options, and exit strategies

©2023, 3e, 576 pp.
by Brenda Clark and Judy Commers



Offering hands-on activities to demonstrate vital business concepts for today's workplace

Includes portfolio development, exploring careers, and digital citizenship

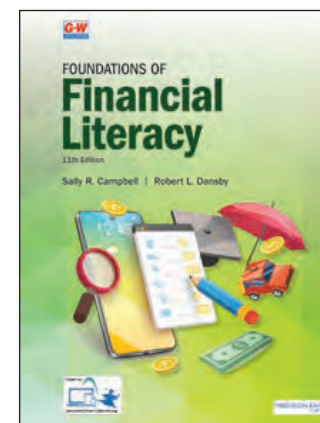
©2023, 2e, 560 pp.
by Robert L. Dansby, Chris Gassen, and Brenda Clark



The business aspects of the fashion industry and related career opportunities

Provides the most current information about the basic concepts from design to manufacturing to retail sales

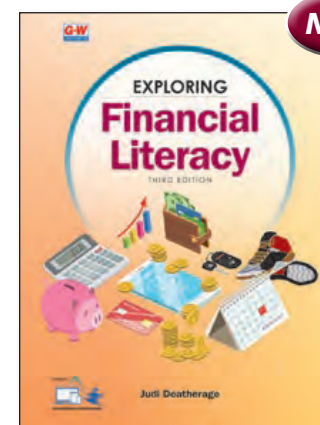
©2019, 5e, 655 pp.
by Mary G. Wolfe



A framework for learning how to achieve financial security

Teaches students how to make wise financial decisions and prepare for college and career

©2023, 11e, 686 pp.
by Sally R. Campbell and Robert L. Dansby

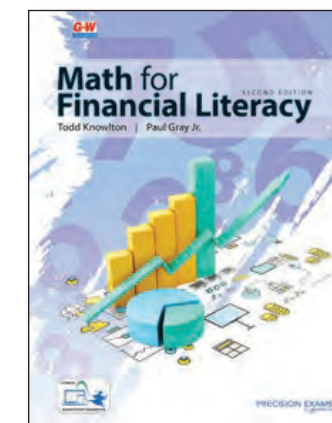


NEW!

An introduction to basic financial topics: making, spending, and saving money

A text-workbook that emphasizes what young people need to know to create a successful financial plan for their lives

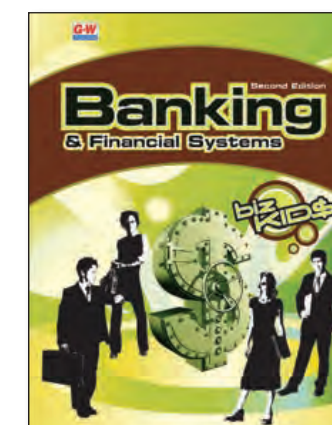
©2025, 3e, 280 pp.
by Judi Deatherage



Relevant math concepts that students can easily relate to their daily lives

Applies math concepts to real-world tasks, including earning a paycheck, using credit cards, and creating a budget

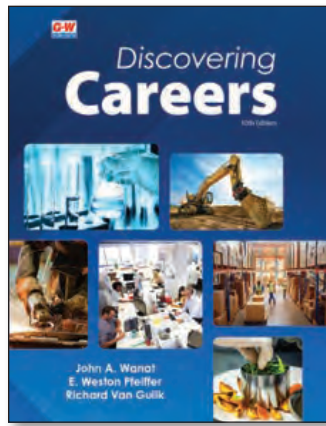
©2023, 2e, 512 pp.
by Todd Knowlton and Paul Gray Jr.



Preparation to help students become competent consumers and employees

Written especially for teens by Biz Kid\$—an award-winning educational initiative that teaches financial education and entrepreneurship

©2018, 2e, 448 pp.
by Biz Kid\$



Career exploration for middle school students

Engages students in CTE programs as they apply new skills for career readiness, finding a job, and growing toward independence

©2023, 10e, 496 pp.
by John A. Wanat, E. Weston Pfeiffer, and Richard Van Gulik



A foundation for creating career goals with ongoing lifespan plan activities

Written for high school; focuses on college- and career-readiness skills

©2023, 12e, 592 pp.
by Brian Hutchison, Grace Wambu, Kathyne Leigh-Osroosh, J. J. Littrell, James H. Lorenz, and Harry T. Smith



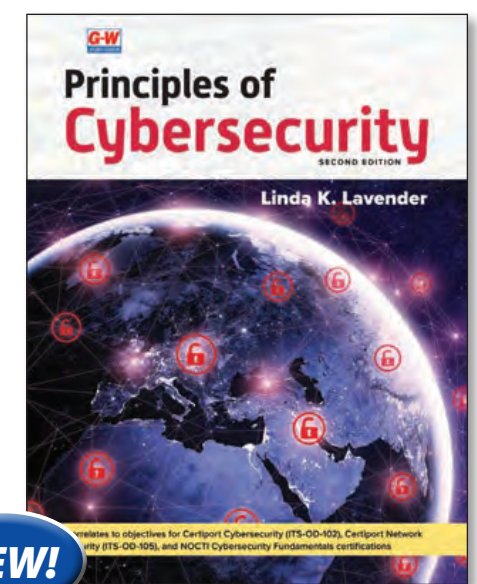
NEW!

An introductory text that meets all the CompTIA A+ 220-1101 and 220-1102 objectives

Features an Employment and Advanced Education chapter with a focus on soft skills and digital citizenship

©2025, 6e, 1,054 pp.
by Chuck Easttom and Richard M. Roberts

Hands-on Lab Manual!

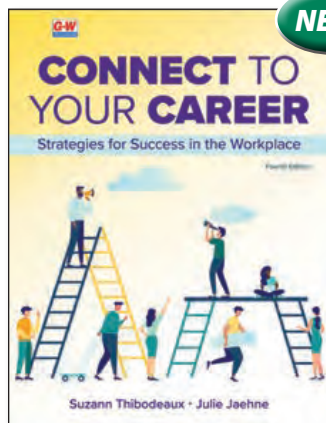


NEW!

A certification-driven text designed with effective pedagogical elements including essential questions, key terms, and learning goals

Features a hands-on Lab Manual and real-life case studies

©2025, 2e, approx. 620 pp.
by Linda K. Lavender

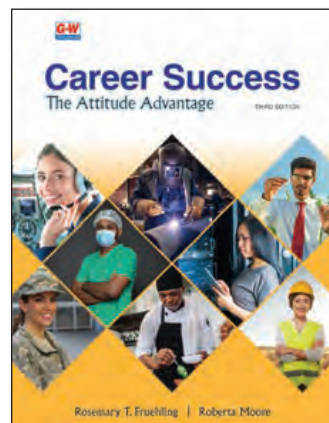


NEW!

A technology-driven, 21st-century reflection of how adults find and launch new careers

Guides students as they self-assess and discover who they are as future employees

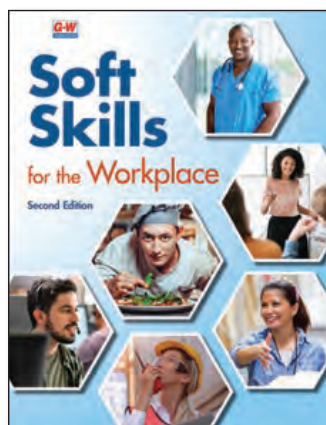
©2025, 4e, 272 pp.
by Suzann Thibodeaux and Julie Jaehne



Supplemental text-workbook that presents a unique approach to learning human relations skills

Encourages students to keep a positive attitude and focus on soft skills

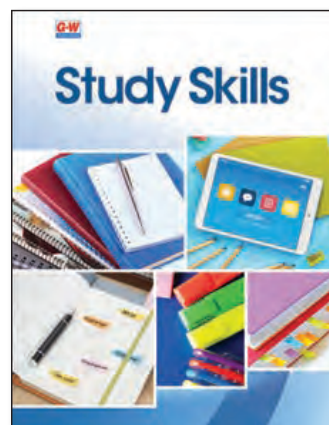
©2023, 3e, 256 pp.
by Rosemary T. Fruehling and Roberta Moore



The major soft skills needed for job success in one easy-to-use text

Features 14 short, informative lessons in a concise, affordable textbook to guide your students to find and keep a job

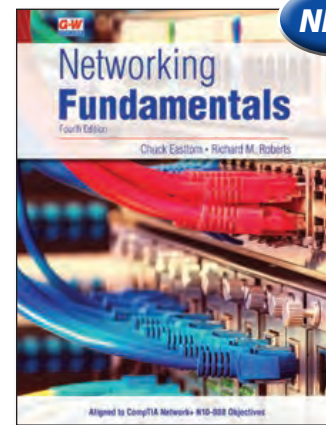
©2022, 2e, 168 pp.



The basic study skills needed for classroom success

Enables students to become efficient, solve problems, and apply critical-thinking skills

©2020, 144 pp.

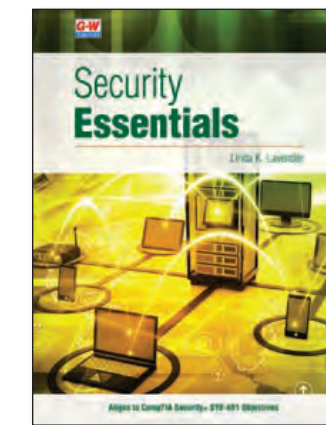


NEW!

Preparation for the CompTIA Network+ N10-008 certification exam

Guides students to maintain, troubleshoot, design, and install networks

©2024, 4e, 752 pp.
by Chuck Easttom and Richard M. Roberts



A complete program to prepare students for CompTIA Security+ SY0-601 certification

Includes a text, Lab Manual, and Study Guide in print and online

©2022, 704 pp.
by Linda K. Lavender

Every Title Offers a Collection of Resources

Your proven teaching package: up-to-date content for students; a full support solution for teachers

- Textbooks
- Workbooks
- Activities
- Lesson Plans
- Presentations
- Assessments
- Videos and Animations



One resource for both IC3 Digital Literacy and Microsoft Office Certification

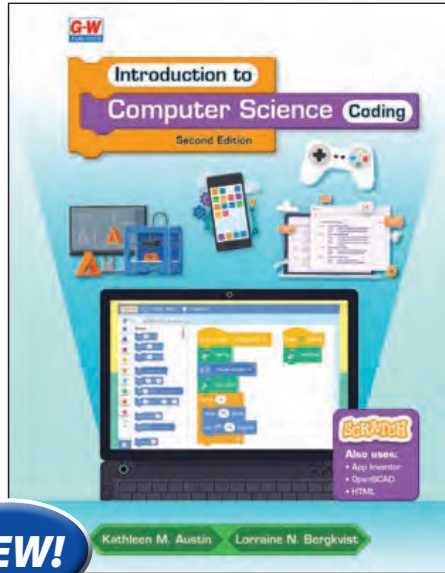
Features multiple opportunities to practice for the IC3 exam, including practice questions and a certification practice test

©2021, 2e, 816 pp.
by Kathleen M. Austin and Lorraine N. Bergkvist

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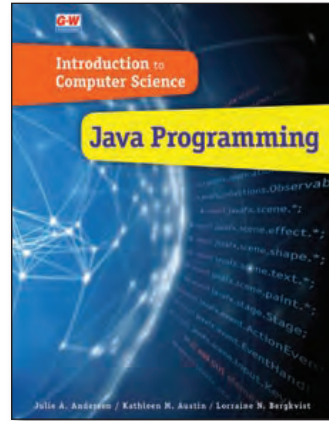


NEW!

Built for exploring computer science courses using cross-curricular connections to math, science, and language arts

Explores concepts using free versions of Scratch, MIT App Inventor, OpenSCAD, and HTML

©2024, 2e, 416 pp.
by Kathleen M. Austin and Lorraine N. Bergkvist



Basic Java coding concepts that introduce computer science to high school students

Covers the basics of this easy-to-learn and practical programming language

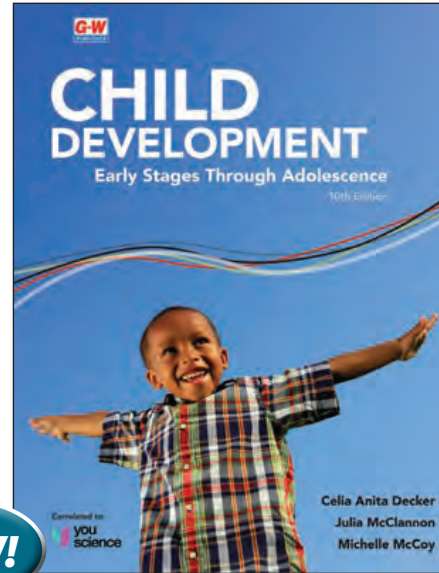
©2021, 528 pp.
by Julie A. Anderson,
Kathleen M. Austin, and
Lorraine N. Bergkvist



A write-in text/software design guide that uses an activity-based, integrated curriculum

Uses a fun way to introduce programming concepts by combining game-theory reading with game-building application

©2020, 392 pp.
by D. Michael Ploor



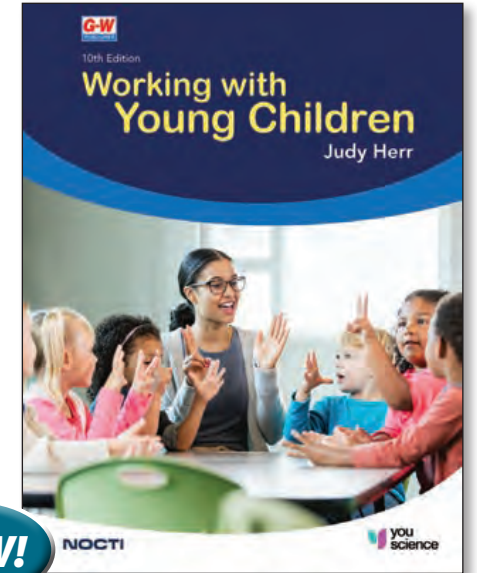
NEW!

The knowledge needed for a successful child-related career

Studies children's physical, intellectual, social, and emotional development

©2024, 10e, 896 pp.
by Celia Anita Decker, Julia McClannon, and
Michelle McCoy

Now available on **G-W Ignite!**
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NEW!

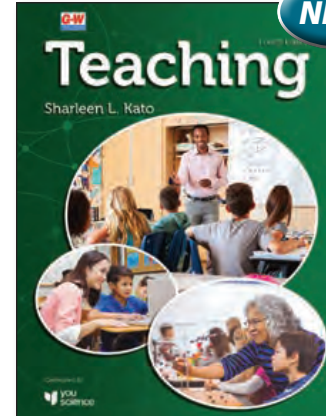
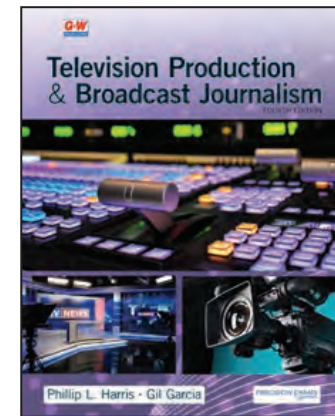
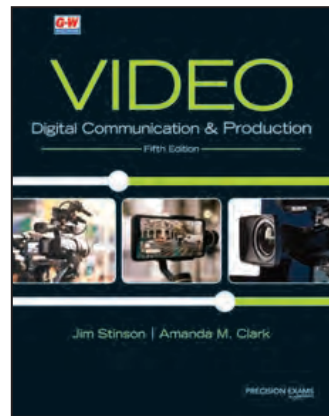
An introduction to the field of early childhood education and care

Includes brain development, child development theories and practices, and preparation of engaging learning experiences

©2024, 10e, 960 pp.
by Judy Herr

Looking for A/V Technology?

Do you need quality, up-to-date resources for photography, video, and broadcast journalism? See page 6 for our full lineup of titles for A/V Technology.



NEW!

Written specifically for high school students planning to pursue a career in teaching

Addresses the responsibilities, rewards, and challenges of being a classroom teacher

©2024, 4e, 482 pp.
by Sharleen L. Kato



NEW!

The first text on this topic for high school students

Explores the physical, cognitive, social, and emotional stages of development

©2024, 3e, 480 pp.
by Sharleen L. Kato

Now available on **G-W Ignite!**
See page 1 for details



Integrate G-W Resources into Your CTE Courses with Perkins V Funding

The Carl D. Perkins Strengthening Career and Technical Education Act for the 21st Century gives federal funding to your state and local community to provide high-quality CTE programs, from middle school to high school, starting with career exploration through skill attainment and career readiness.

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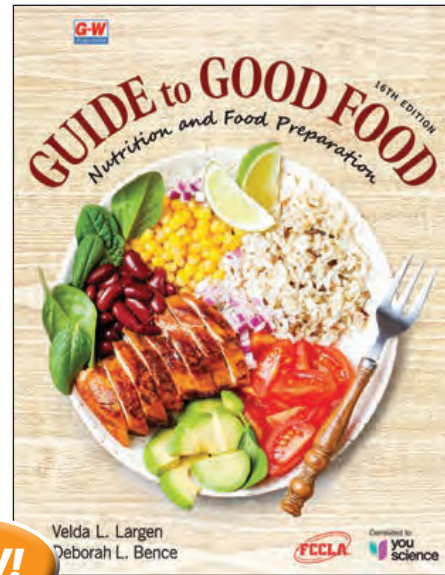


NEW!

An introduction to the growing hospitality and tourism industry

Introduces students to the five segments of the hospitality industry—food and beverage, lodging, travel, tourism, and recreation

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by Johnny Sue Reynolds and Dorothy M. Chase

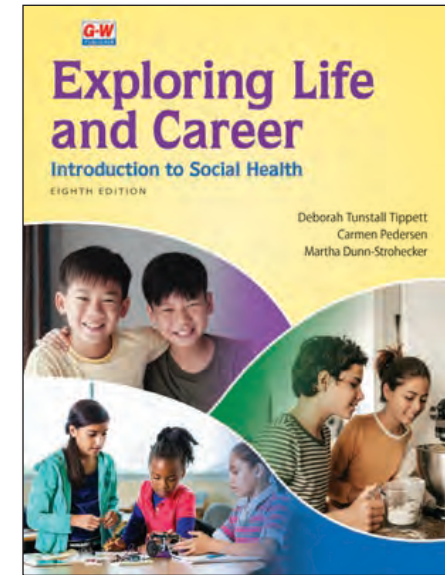


NEW!

A comprehensive program about lifelong nutrition and food preparation skills

New food preparation videos reinforce concepts and break down cooking techniques

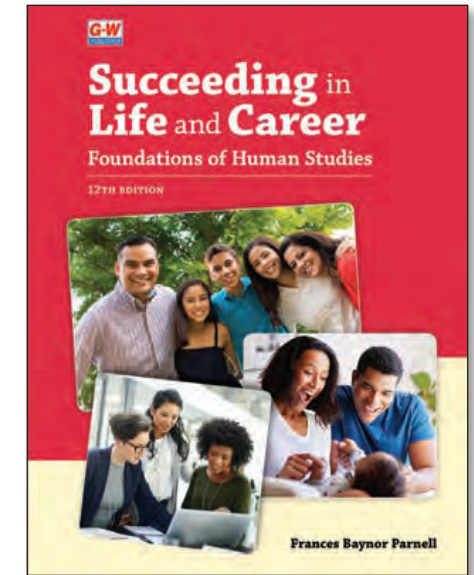
©2025, 16e, 796 pp.
by Velda L. Largen and Deborah L. Bence



Ideal for grades 6–9 and for introductory FCS classes

Explores relationships, food and clothing, careers, and social issues as students develop personal success skills

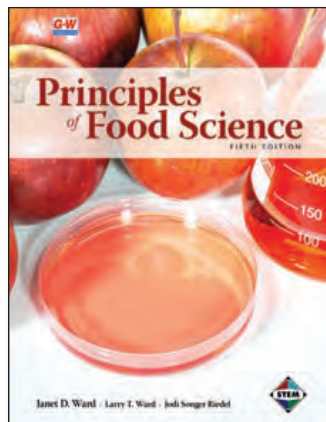
©2023, 8e, 432 pp.
by Deborah Tunstall Tippett, Carmen Pedersen, and Martha Dunn-Strohecker



An advanced comprehensive text for grades 9–12

Includes personal and lifespan development, nutrition, finance, fashion, housing, transportation, careers, and other key topics

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by Francis Baynor Parnell



An exploration of how the laws of science affect food preparation, processing, and packaging

Covers the basic laws of chemistry, microbiology, and physics as they are applied to food systems

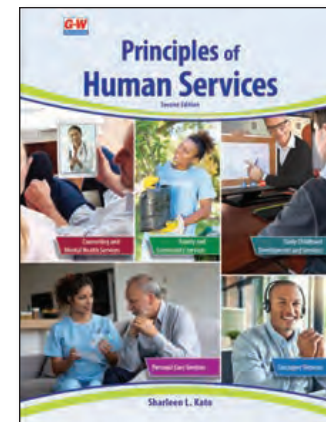
©2022, 5e, 608 pp.
by Janet D. Ward, Larry T. Ward, and Jodi Songer Riedel



The importance of healthful eating and physical activity across the lifespan

Includes safe food handling, menu planning, food preparation, and strategies for staying physically active

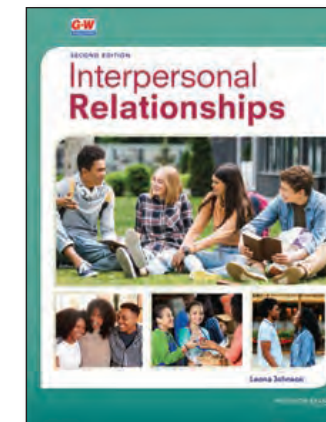
©2023, 6e, 736 pp.
by Dorothy F. West



An up-to-date introductory text for high school students

Covers the five career pathways within the human services cluster and the rewards, demands, and trends for various careers

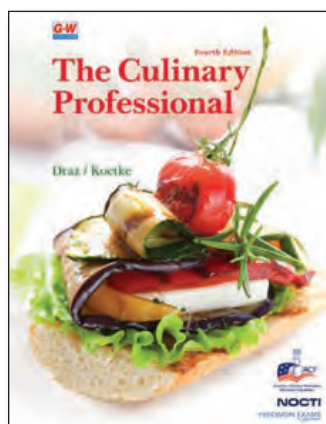
©2022, 2e, 560 pp.
by Sharleen L. Kato



A comprehensive introduction to relationships with family, friends, and colleagues

Uses a contemporary, lesson-based organization and look, with opportunities for real-world application

©2023, 2e, 640 pp.
by Leona Johnson

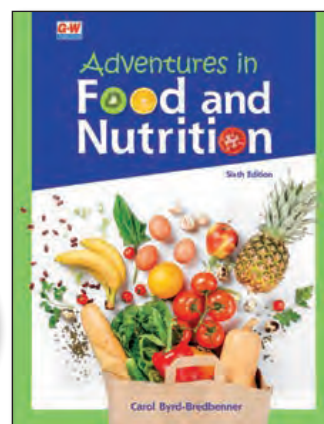


The knowledge secondary students need for a career in the culinary arts

Now aligned to the American Culinary Federation Education Foundation standards

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by John Draz and Christopher Koetke

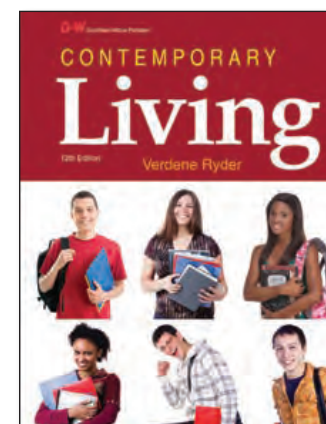
Now available on **G-W Ignite!** See page 1 for details



Introduction to the study of nutrition, food, and meal preparation

Written for middle school students, with an easy-to-understand writing style, supporting photographs, and hands-on learning

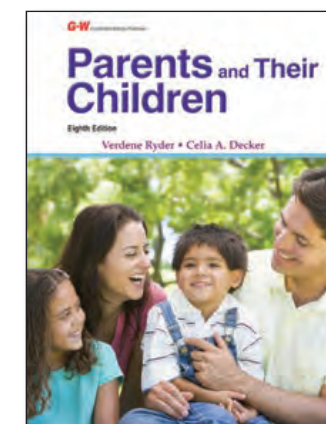
©2022, 6e, 656 pp.
by Carol Byrd-Bredbenner



The issues facing students and the information needed to make wise decisions

Addresses essential topics from relationships to health to careers; promotes critical thinking in various situations

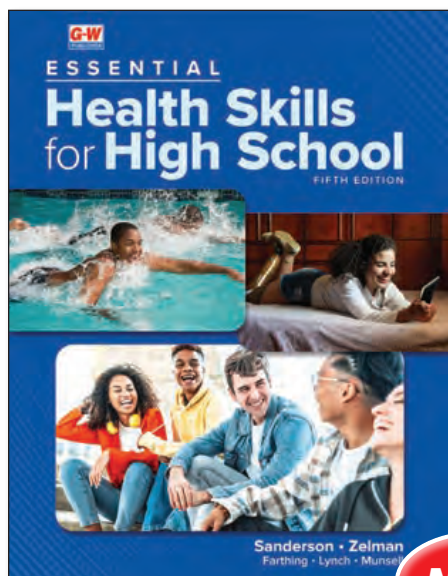
©2015, 12e, 702 pp.
by Verdene Ryder



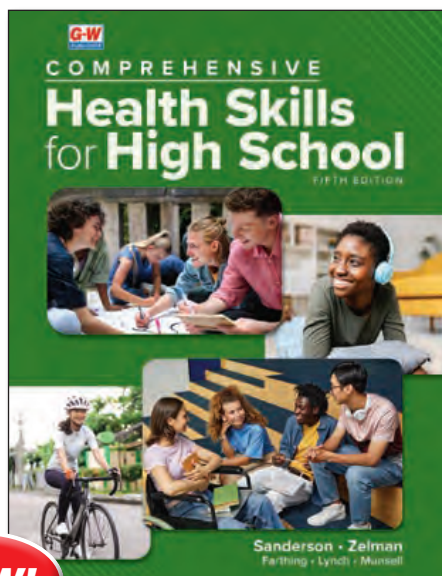
The decisions and skills related to effective parenting

Explores various family forms and functions, the cycle of family development, and parenting roles through the lifespan

©2015, 8e, 624 pp.
by Verdene Ryder and Celia A. Decker



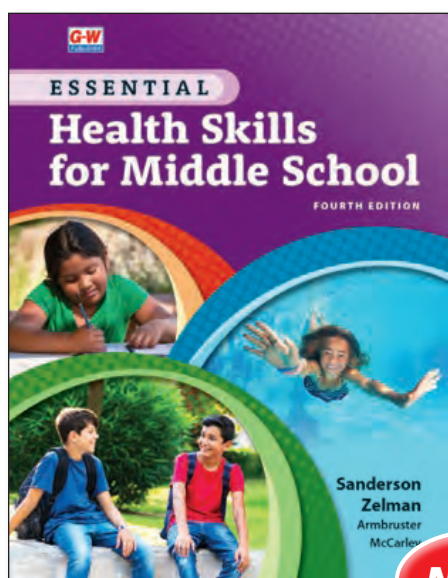
NEW!



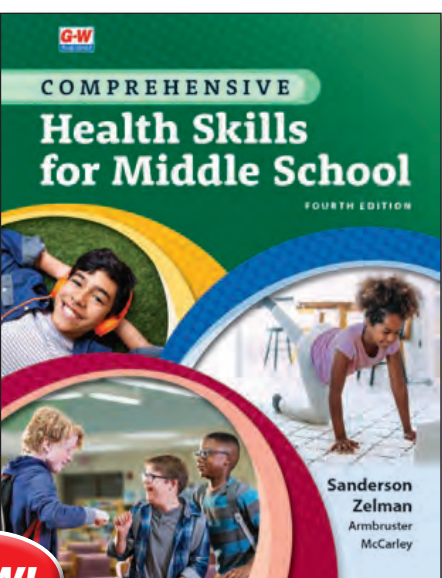
The most up-to-date skills-based text for high school health and wellness classes

Uses engaging writing and supporting activities; contains new information about current topics; aligned to the National Health Education Standards. **Comprehensive Health Skills** is also aligned to the National Sexuality Education Standards.

©2025, 5e, 544 pp., 752 pp. by Catherine Sanderson, Mark Zelman, Diane Farthing, Melanie Lynch, and Melissa Munsell



NEW!



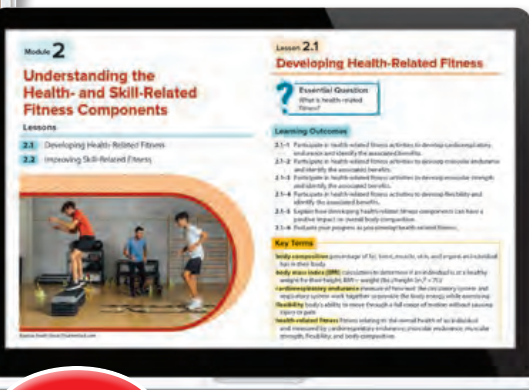
Skills-based approach that helps middle school students make good choices

Explores strategies to be mentally and emotionally healthy, build healthy relationships, avoid hazardous substances, and promote physical health and safety. Aligned to the National Health Education Standards. **Comprehensive Health Skills for Middle School** is also aligned to the National Sexuality Education Standards.

©2025, 4e, 464 pp., 624 pp. by Catherine Sanderson, Mark Zelman, Lindsay Armbruster, and Mary McCarley



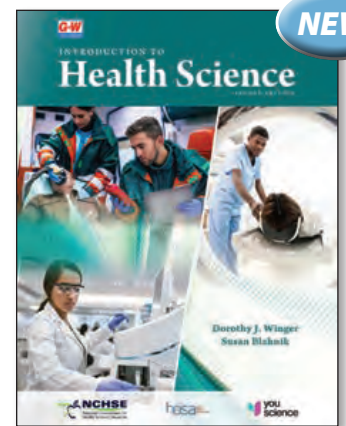
NEW!



Fully digital! A flexible and time-saving program, written by an experienced Teacher of the Year

Provides a standards-based, comprehensive Physical Education curriculum with all of the resources teachers need—from lesson plans, videos, and activities to student handouts, PowerPoint® presentations, and assessments

©2025, 2e by William Bode

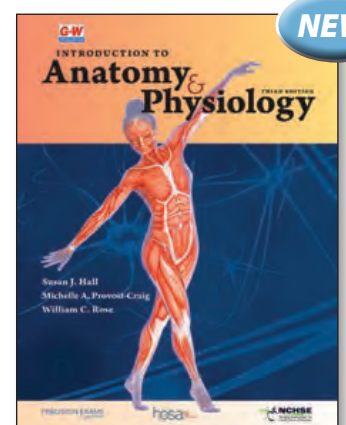


NEW!

Introductory health science career exploration text; includes foundational procedures

NEW HOSA activities encourage involvement in CTSO leadership
©2024, 2e, 896 pp. by Dorothy J. Winger and Susan Blahnik

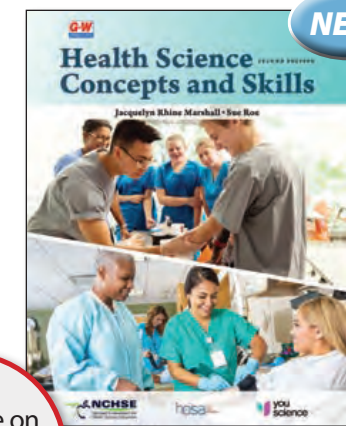
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NEW!

Written specially for high school students in health science or science programs

Designed to make complex subjects easy to understand
©2024, 3e, 720 pp. by Susan J. Hall, Michelle A. Provost-Craig, and William C. Rose

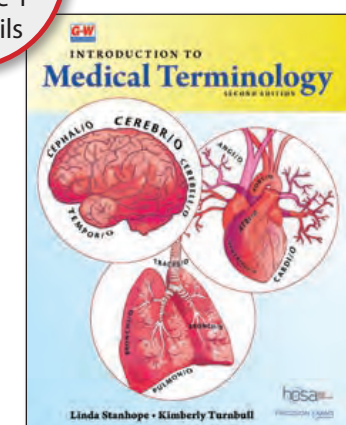


NEW!

Second-level health science text with an emphasis on additional hands-on procedures

Real Life Scenarios enable students to apply knowledge to professional challenges

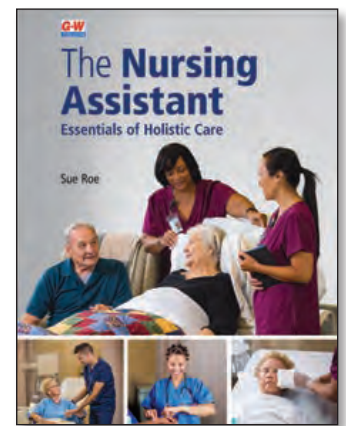
©2024, 2e, 784 pp. by Jacquelyn Rhine Marshall and Sue Roe



Created for beginning students; full of classroom-tested activities

Workplace Skills offer hands-on, industry procedures, while HOSA Competitive Events integrate real-world practice

©2023, 2e, 544 pp. by Linda Stanhope and Kimberly Turnbull



©2020, 880 pp. by Sue Roe





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An introductory text that focuses on the relationships among healthcare, law, and ethics

Integrates telehealth, digital fitness devices, and electronic medical record (EMR) systems

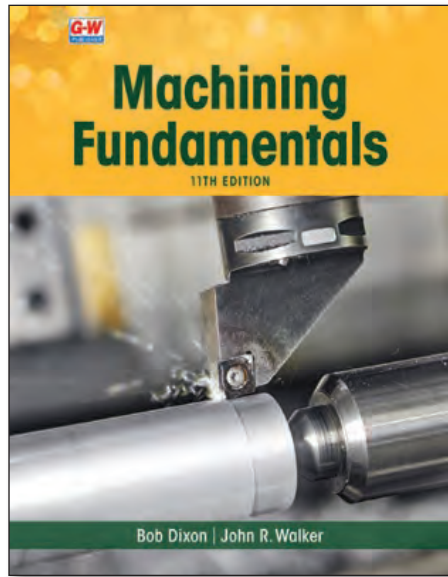
©2022, 2e, 312 pp. by Lois Ritter and Donald Graham

Official HOSA References for Competitions:  

- **Health Science Concepts and Skills**
- **Introduction to Health Science**
- **Introduction to Medical Terminology**
- **Lifespan Development**—See page 13
- **Medical Law and Professional Ethics**
- **Nutrition & Wellness for Life**—See page 14
- **The Nursing Assistant: Essentials of Holistic Care**

Prepare your students for industry-recognized credentials offered by the National Consortium of Health Science Educators with titles correlated to NCHSE's 4-course framework:

- Health Science Concepts and Skills → Foundation of Healthcare Professions
- Introduction to Health Science → Essentials of Healthcare Practices
- Introduction to Anatomy & Physiology → Human Structure, Function, and Disease A & B



A comprehensive text that provides a clear introduction to machining operations, setups, and procedures

Helps achieve NIMS Machining Level I certification

©2023, 11e, 686 pp.
by Bob Dixon and John R. Walker

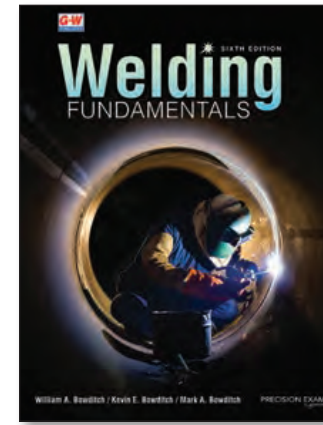


NEW!

A comprehensive and contemporary resource for beginning learners, aligned with the NIMS machining standards

Includes detailed coverage of CNC machine configurations, cutting tools, CNC mill and lathe programming, and computer-aided manufacturing

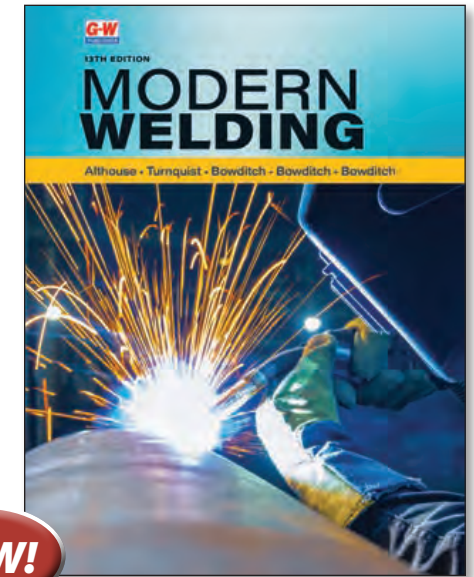
©2025, 2e, 416 pp.
by Rick Calverley



The theory and skills required for AWS SENSE Level I certification

Easy-to-understand instruction on the most commonly used welding and thermal cutting processes

©2022, 6e, 656 pp.
by William A. Bowditch, Kevin E. Bowditch, and Mark A. Bowditch

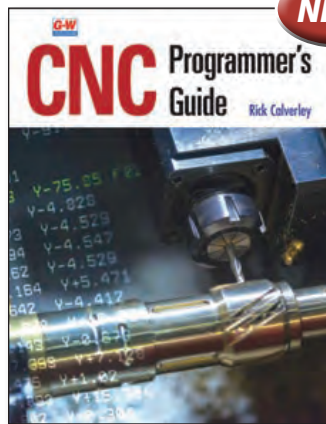


NEW!

Comprehensive coverage that prepares students for AWS SENSE Level I and Level II certification

The standard for teaching theory, fundamentals, equipment, and techniques of welding technology

©2024, 13e, 928 pp.
by Andrew D. Althouse, Carl H. Turnquist, William A. Bowditch, Kevin E. Bowditch, and Mark A. Bowditch

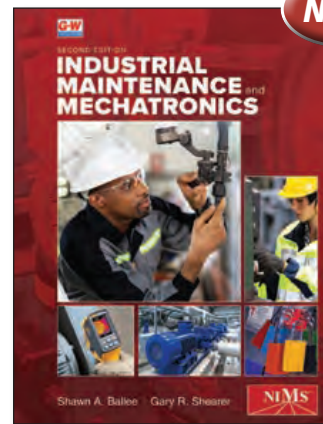


NEW!

Provides a solid foundation in the principles of CNC programming

Introductory coverage on CNC mill programming, lathe programming, and subprogramming

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by Rick Calverley

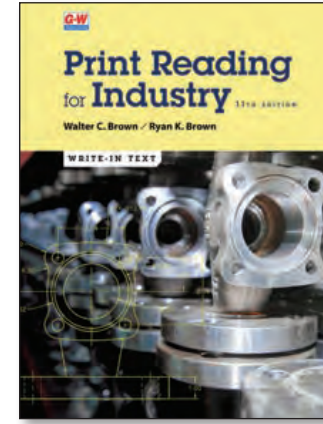


NEW!

A comprehensive, standards-based text for advanced manufacturing programs

Endorsed by NIMS and correlated to their Industrial Technology Maintenance Standards and Credentials

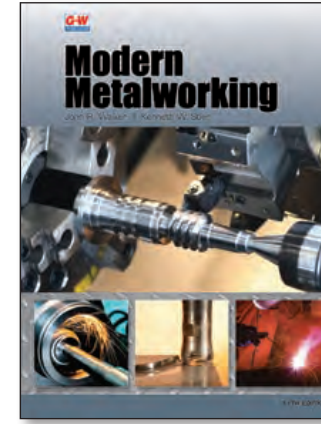
©2024, 2e, 992 pp.
by Shawn A. Ballee and Gary R. Shearer



Comprehensive study of theory and applications for basic and intermediate print reading—now in full color

Includes a Bonus Prints package with large industry prints for a job-training experience

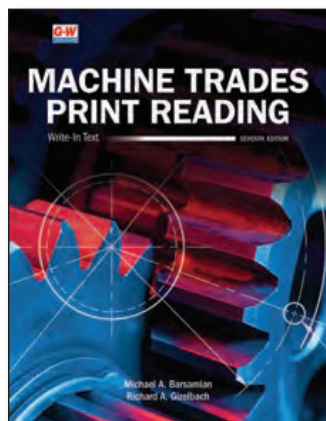
©2022, 11e, 640 pp.
by Walter C. Brown and Ryan K. Brown



A comprehensive introduction to tools, machines, and materials involved in metalworking

Includes over 50 step-by-step procedures with clear instructions for activities

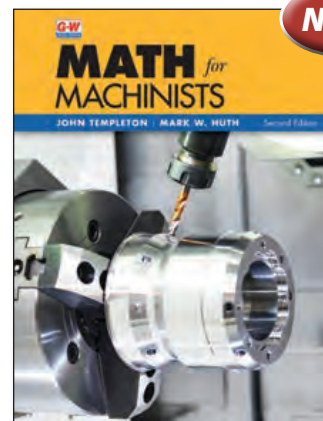
©2023, 11e, 800 pp.
by John R. Walker and Kenneth W. Stier



A basic, skills-based, practical approach to print reading

Provides students a hands-on opportunity to develop basic skills required for visualizing and interpreting industrial prints

©2022, 7e, 393 pp.
by Michael A. Barsamian and Richard A. Giselbach



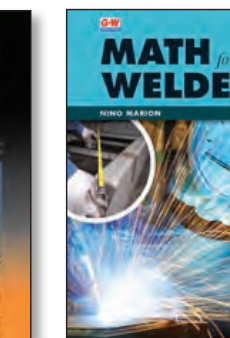
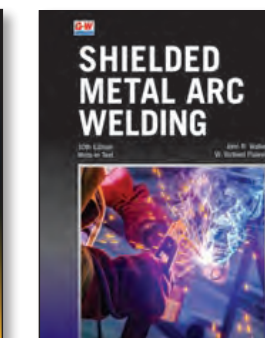
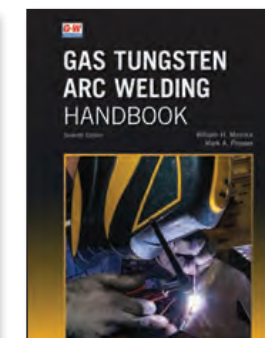
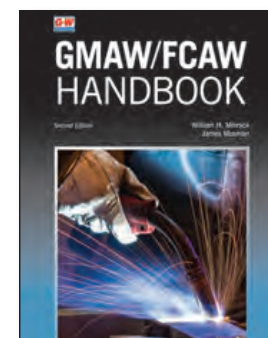
NEW!

A review of basic math operations that directly apply to machining and manufacturing

Covers precision measurements, angles, area, volume, and gear calculations

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by John Templeton and Mark W. Huth

Additional Welding Supplements



NEW!

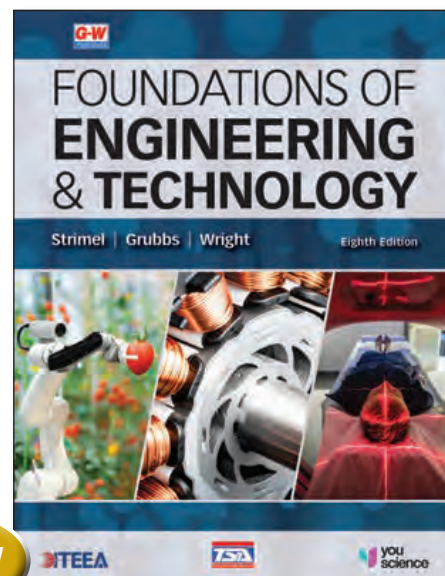


NEW!

Beginning course for STEM pathways, aligned to ITEEA standards

Now with additional content on engineering design processes and problem-solving skills

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by Ryan A. Brown, Michael Berkeihiser, and R. Thomas Wright

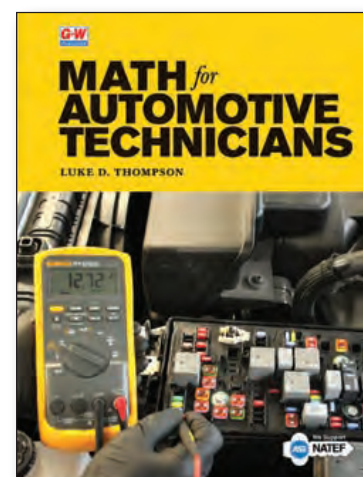


NEW!

A comprehensive text that focuses on the relationships between technology and multiple engineering disciplines

Correlated to the ITEEA and YouScience standards

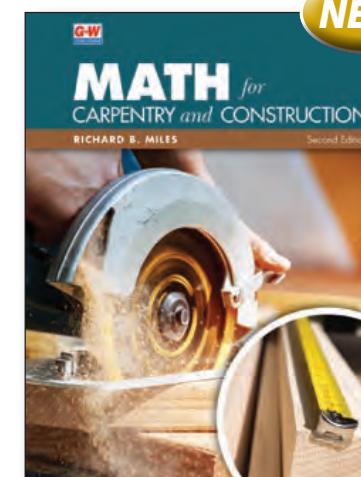
©2025, 8e, 719 pp.
by Greg J. Strimel, Michael E. Grubbs, and R. Thomas Wright



©2019, 468 pp.
by Luke D. Thompson

An ideal text for applied math courses or as a supplement in automotive programs

Features 12 lessons plus 96 case studies related to ASE competencies

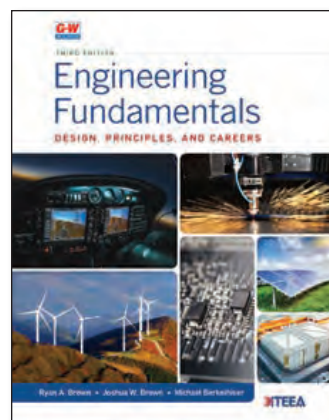


NEW!

A combination text-workbook that prepares students for on-the-job math challenges

Provides practice problems identical to those found in a carpentry shop or on a construction site

©2024, 2e, 396 pp.
by Richard B. Miles



An introduction to engineering professions; inspires students to pursue engineering and other STEM-related careers

Correlated to the Standards for Technological Literacy and NGSS

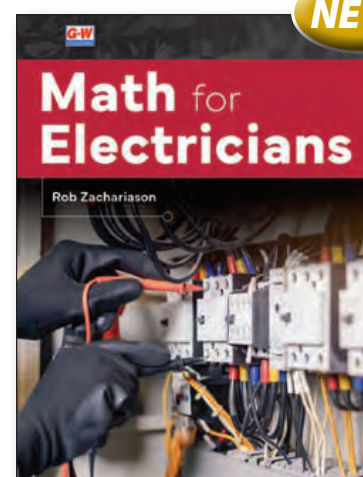
©2023, 3e, 576 pp.
by Ryan A. Brown, Joshua W. Brown, and Michael Berkeihiser



An emphasis on science and math concepts used to develop technologies

Explains how technology impacts our everyday lives; ideal for grades 6–8

©2020, 8e, 656 pp.
by John B. Gradwell and Malcolm Welch

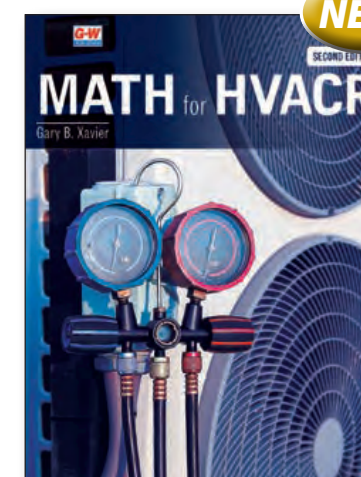


NEW!

A review of basic math within a framework of electrical applications, with real-world examples and practice problems

Helps students gain confidence and achieve success in math-based electrical tasks

©2025, 320 pp.
by Rob Zachariason

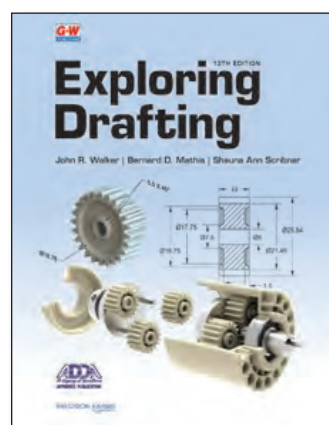


NEW!

A review of basic math within a framework of HVACR applications, with need-to-know information for HVAC technicians

Includes real-world examples, illustrations, and abundant exercises in every chapter

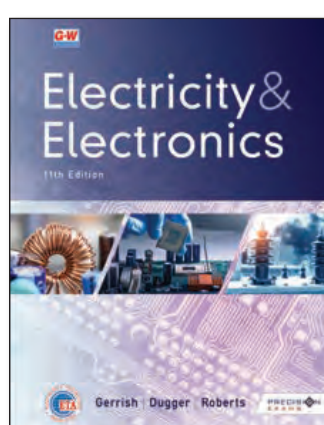
©2025, 2e, 310 pp.
by Gary B. Xavier



Fundamental skills for beginning drafting students at any instructional level

An ADDA-approved publication that focuses on manual and CAD drafting skills

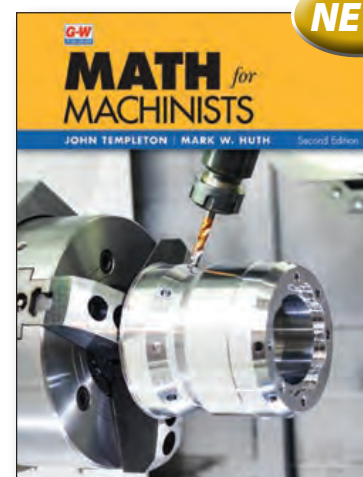
©2023, 13e, 656 pp.
by John R. Walker, Bernard D. Mathis, and Shauna Ann Scribner



Comprehensive coverage of basic concepts and applications for electronics and electrical technology

Develops skills for lab activities

©2021, 11e, 600 pp.
by Howard H. Gerrish, William E. Dugger, Jr., and Richard M. Roberts

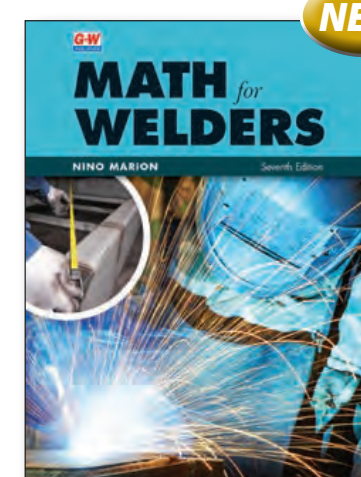


NEW!

A review of basic math operations, measurements, and topics that apply to machining and manufacturing

Covers precision measurements, angles, area, volume, and gear calculations

©2024, 2e, 594 pp.
by John Templeton and Mark W. Huth

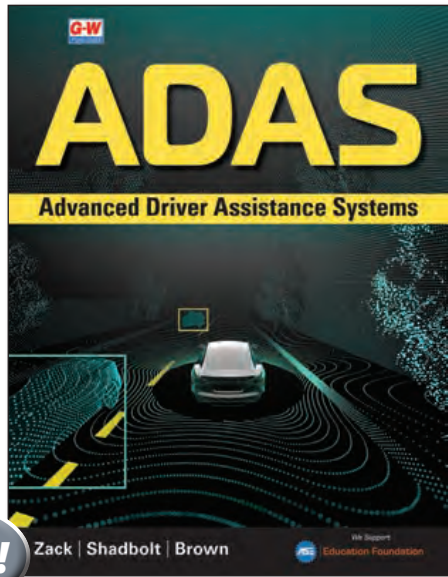


NEW!

A combination text and workbook to help welding students learn and apply basic math skills

Includes welding-related problems that students will find meaningful and interesting to solve

©2024, 7e, 300 pp.
by Nino Marion



NEW!

A comprehensive, dynamic resource that provides the knowledge and skills to understand, identify, document, and calibrate ADAS technologies

Aligns with the ASE's new L4 Advanced Driver Assistance Systems Specialist Test and includes ASE-type questions and job sheets

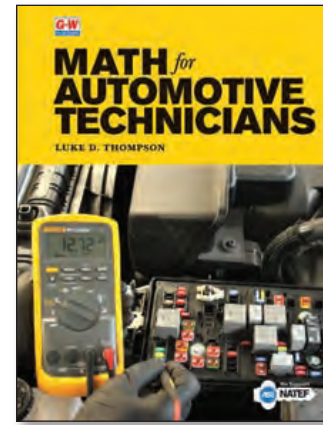
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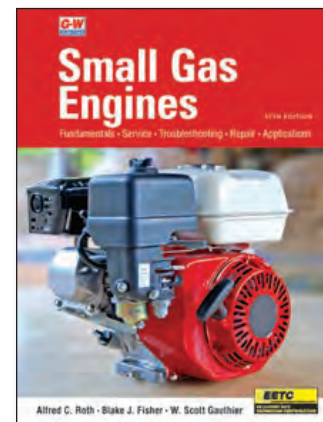
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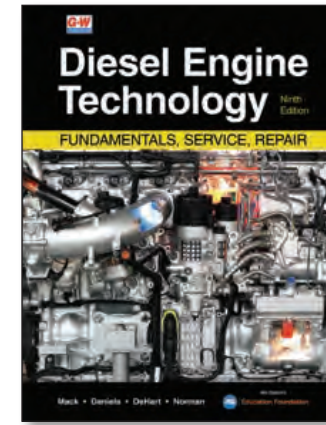
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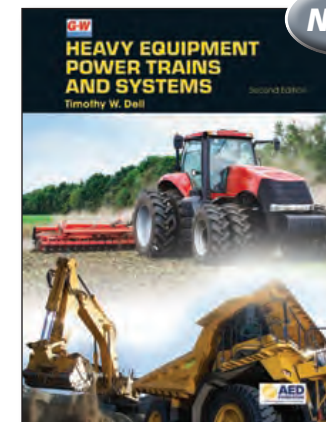
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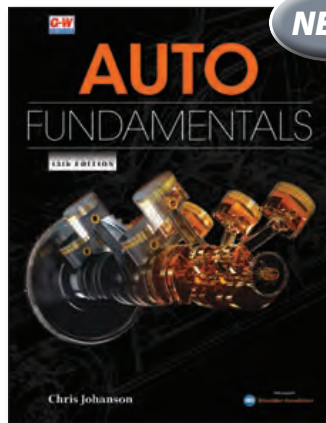


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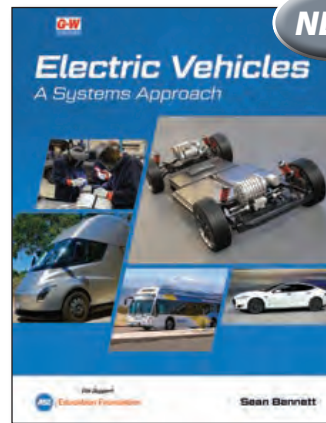


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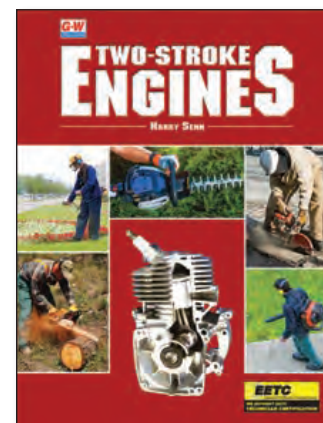


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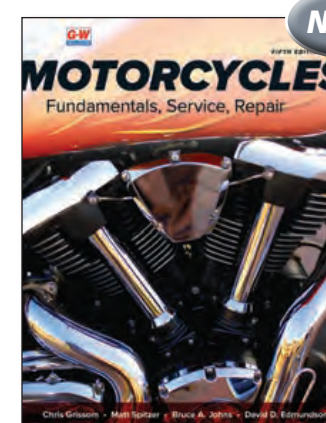
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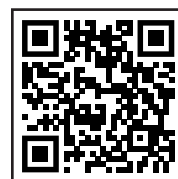
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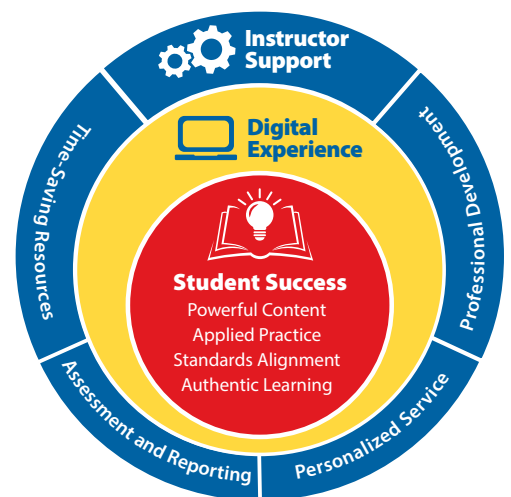


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