

## Program Related Non-Fiction

### Building and Landscape:

#### Architectural Technology, Carpentry, HVAC, Landscape, Horticulture and Greenhouse, Plumbing, Public Works, Woodworking



#### **Architectural drawing course** / Mo Zell.

Hennepin Technical Library / BPC NA2708 .Z45 2017

“Explore the new tools that are becoming more readily available in school, including 3-D printers, CNC mills, laser cutters, and other tools that are revolutionizing architectural drawing. Along the way, you'll learn how to see and sketch with accuracy; develop fundamental drawing and modeling skills; master subjective representation and rules of perspective; employ spatial strategies, and more. This book will give you a foundation course in architectural design while emphasizing architecture's creative aspects. Readers will find a wonderful introduction to architecture's visual language, plus a series of instructional tutorials about drawing, rendering and diagramming ideas, and so much more.”—Amazon.com



#### **Architectural graphics** / Frank Ching.

Hennepin Technical Library / BPC NA2700 .C46 2015

...Architectural graphics are key tools for conveying design through representation on paper or on screen, and this book is the ultimate guide to mastering the skill, then applying your talent to create more effective design communication. Architectural graphics both inform the design process and serve as the means by which a design is interpreted and built. Complete mastery of the tools and conventions is essential to the successful outcome of any project, and mistakes can cause confusion, time delays, increased costs, and possible catastrophe. Architectural Graphics is the comprehensive guide to professional architectural drawing, with insight from a leading authority in the field.



#### **Building stairs** / Andy Engel.

Hennepin Technical Library / BPC TH5670 .E54 2007

Hennepin Technical Library / EPC TH5670 .E54 2007

“Stair building combines precision carpentry with tricky math, so even experienced builders can find it challenging. But as this extensively illustrated book demonstrates, any builder who can measure the distance between two floors can plan and build a stunning set of stairs. By clearly laying out the geometry, planning, and construction involved, author Andy Engel takes the reader from a simple structure of framing lumber to a set of stairs fit for a king. From building and installing railings to using off-the-shelf stair parts, Building Stairs lays out the process clearly and completely. All the reader needs is a router, saw, drill, and level. This elevating book fills in all the rest -- step by step by step.”—Amazon.com



#### **The complete guide to decks : featuring the latest tools, skills, designs, materials & codes.** / Black & Decker.

Hennepin Technical Library / BPC TH4970 .C645 2016

Hennepin Technical Library / EPC TH4970 .C645 2016

...Whether you opt for manufactured deck products or wood, the success of your project depends upon a sturdy deck undercarriage. Accomplishing this isn't difficult, but building the framework requires that you have the latest information on building codes. In recent years, these codes have changed significantly, affecting everything from post diameter to allowable joist hangers to railing height and even the size of concrete footings. Black & Decker: The Complete Guide to Decks is the only DIY deck book that's fully updated to conform to the latest codes. --Publisher.

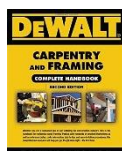


**The complete guide to garages : design, build, remodel & maintain your garage : includes 9 complete garage plans / Black + Decker.**

Hennepin Technical Library / BPC TH4960 .C66 2017

Hennepin Technical Library / EPC TH4960 .C66 2017

Planning a new garage? This guide covers several new sets of building plans for garages of the most popular sizes and styles. The step-by-step instructions take you through every phase of the garage-building process. You'll also find remodeling plans, as well as a section on rot repair, adding a skylight or window, and updating the roof. A special section highlights smartphone-activated garage doors and openers. -- adapted from back cover



**Dewalt carpentry and framing complete handbook / Gary Brackett.**

Hennepin Technical Library / BPC TH1101 .B67 2019

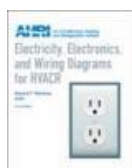
"With abundant, full-color visuals and an engaging writing style, the Dewalt® Carpentry and Framing Complete Handbook, Second Edition, is an ideal resource to help students master the basics of carpentry and framing. Recognizing that students often learn more effectively by seeing how tasks should be completed, rather than merely reading about abstract concepts, the text uses photos, diagrams, and step-by-step procedures to ground chapter material in highly practical, real-world applications. ..." -- Publisher website.



**The elements of modern architecture : understanding contemporary buildings / Antony Radford, Selen B. Morkoç and Amit Srivastava.**

Hennepin Technical Library / BPC NA680 .R33 2014

"...This ambitious publication, organized chronologically, is aimed at a new generation of architects who take technology for granted, but seek to further understand the principles of what makes a building meaningful and enduring. Each of the fifty works of architecture is presented through detailed consideration of its site, topology, and surroundings; natural light, volumes, and massing; program and circulation; details, fenestration, and ornamentation. Over 2,500 painstakingly hand-drawn images of the buildings of the past seven decades help readers return to the core values of understanding site and creating buildings: looking with the eyes, engaging through direct physical experience, and constructing by hand."—Amazon.com



**Electricity, electronics, and wiring diagrams for HVACR / Edward F. Mahoney.**

Hennepin Technical Library / BPC TK4035.A35 M329 2014

**Electricity, Electronics and Wiring Diagrams for HVACR** is a complete, simple, and up-to-date guide to the essentials of electricity and electronics for technicians working in today's HVACR field. Part I gives students a firm foundation in the electrical and electronics concepts utilized in HVACR. Then, using these concepts, Part II presents a wide variety of practical circuits and systems, addressing the challenges HVACR technicians are likely to encounter most often. Building on the diagrams and solutions provided here, students will be able to address even the most complex circuits and problems they will encounter in the field. ...



**Elements of style : an encyclopedia of domestic architectural detail / general editor, Stephen Calloway ; consultant editor, Elizabeth Cromley.**

Hennepin Technical Library / BPC NA2850 .E44 2012

Hennepin Technical Library / EPC NA2850 .E44 2012

An in-depth chronological survey of the key styles and periods of British and American architectural design over the past 500 years, this work is a comprehensive visual survey, period by period, feature by feature, of the key styles in American and British domestic architecture from the Tudor period to present day. ...This revised edition includes a fully updated chapter covering the Contemporary era (1975-present) and a new list of suppliers and resources. ...Additional information on restoration and maintenance, biographies of key architects, and a detailed glossary are included.



**Essential building science : understanding energy and moisture in high performance house design** / Jacob Deva Racusin.

Hennepin Technical Library / BPC TH9031 .R115 2017

"Poor heat and moisture detailing are enemies of durability, comfort and efficiency in house design. Essential Building Science provides a highly visual, accessible introduction to the fundamentals of building physics and the critical skills to develop thermal and moisture strategies for creating better new buildings and dramatically improving old ones. Good science plus critical thinking equals high performance building."-- Provided by publisher.



**Essential woodworking hand tools** / Paul Sellers.

Hennepin Technical Library / BPC TT186 .S434 2016

Table of Contents: Introduction -- Sharpening & sharpening equipment -- Layout tools -- Chisels & gouges -- Planes -- Saws -- Scraping & abrading tools -- Boring & drilling tools -- Hammers -- Notes on tool care -- Glossary.



**A field guide to American houses : the definitive guide to identifying and understanding America's domestic architecture** / Virginia Savage McAlester.

Hennepin Technical Library / BPC NA7205 .M35 2013

A comprehensive guide to domestic architecture. Focusing on dwellings in urban and suburban neighborhoods and rural locations all across the continental United States, this guide provides in-depth information on the essentials, with facts and frames of reference that will enable you to look in a fresh way at the houses around you.



**The furniture bible** / Christophe Pourny.

Hennepin Technical Library / BPC TT199.4 .P68 2014

Christophe Pourny learned the art of furniture restoration in his father's atelier in the South of France. In this, his first book, he teaches readers everything they need to know about the provenance and history of furniture, as well as how to restore, update, and care for their furniture -- from antiques to midcentury pieces, family heirlooms or funky flea-market finds. ...Rounding out this comprehensive guide is care and maintenance information, including how to properly clean leather, polish hardware, fix a broken leg, and replace felt pads, as well as recipes to make your own wax, shellac, varnish, stain, and more.



**Good clean fun : misadventures in sawdust at Offerman Woodshop** / Nick Offerman.

Hennepin Technical Library / BPC TT185.5 .O35 2016

Nestled among the glitz and glitter of Tinseltown is a testament to American elbow grease and an honest-to-god hard day's work: Offerman Woodshop. Captained by hirsute woodworker, actor, comedian, and writer Nick Offerman, the shop produces not only fine handcrafted furniture, but also fun stuff -- kazoos, baseball bats, ukuleles, mustache combs, even cedar-strip canoes. Now Nick and his ragtag crew of champions want to share their experience of working at the Woodshop, tell you all about their passion for the discipline of woodworking, and teach you how to make a handful of their most popular projects along the way. ...You will also find writings by Nick offering recipes for both comestibles and mirth, humorous essays, odes to his own woodworking heroes, insights into the ethos of woodworking in modern America, and other assorted tomfoolery.



**Great book of shop drawings for Craftsman furniture : authentic and fully detailed plans for 61 classic pieces / Robert W. Lang.**

Hennepin Technical Library / BPC NK2235 .L36 2017

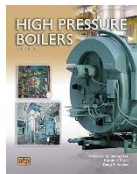
"...Lang, an expert furniture and cabinet maker and former executive director of Popular Woodworking, measured original Craftsman antiques to create detailed plans and published them in a series of Shop Drawings books. Great Book of Shop Drawings for Craftsman Furniture compiles plans for 61 classic pieces of Arts & Crafts furniture from 3 of his previous books... With perspective views, elevations, sections, and cutting lists for each project, this book gives today's woodworkers the heart of the Craftsman aesthetic, along with all the information needed for workshop success." -- Back cover.



**Heating, cooling, lighting : sustainable design methods for architects / Norbert Lechner.**

Hennepin Technical Library / EPC TH7222 .L33 2015

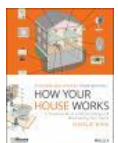
"Heating, Cooling, and Lighting is the industry standard text on environmental control systems with the emphasis on sustainable design. By detailing the many factors that contribute to the comfort in a building, this book helps architects minimize mechanical systems and energy usage over the life of the building by siting, building design, and landscaping to maximize natural heating, cooling, and lighting. This new fourth edition includes new information on integrated design strategies and designing for the Tropics. Resources include helpful case studies, checklists, diagrams, and a companion website featuring additional cases, an image bank, and instructor materials. ..."—Amazon.com



**High pressure boilers / Frederick M. Steingress, Harold J. Frost, Daryl R. Walker.**

Hennepin Technical Library / BPC TJ285 .S74 2019

"A comprehensive resource that can be used for licensing examination preparation, upgrading skills, or as an invaluable reference. A systems approach is used to present all aspects of high pressure boilers and related equipment. Topics presented include boiler operation, safety, and boiler operator licensing procedures."--page 4 of cover.



**How your house works : a visual guide to understanding and maintaining your home / Charlie Wing.**

Hennepin Technical Library / BPC TH4817 .W56 2018

The revised and updated third edition of How Your House Works is a hands-on guide that gives you the low-down on why your faucet is leaking, your dishwasher is overflowing, or your furnace is on the fritz. This comprehensive book is your reference to virtually everything in your house with richly illustrated explanations of electrical systems, heating and air conditioning, plumbing, major household appliances, foundation, framing, doors, and windows. This must-have book answers most questions homeowners face when repairs are needed or when a new house or addition is in your future. How Your House Works is filled with easy-to-understand illustrations that show how things should be put together and how they function. The book also highlights issues outside the house as well as clock thermostats, ventless gas heaters, moisture and mold, and passive solar heating. Using the illustrations and the authors clear explanations might save you the expense of calling a professional. ...



**HVAC control systems / Ronnie J. Auvil.**

Hennepin Technical Library / BPC TH7466.5 .A75 2017

Hennepin Technical Library / EPC TH7466.5 .A75 2017

Provides and introduction to HVAC fundamentals and an in-depth explanation of HVAC control systems. Includes coverage of commercial heating and cooling systems and the networks and controls used to manage them.



**HVAC design sourcebook** / W. Larsen Angel.

Hennepin Technical Library / BPC TH7345 .A54 2012

Hennepin Technical Library / EPC TH7345 .A54 2012

This practical manual describes the HVAC system design process step by step using photographs, drawings, and a discussion of pertinent design considerations for different types of HVAC components and systems. Photographs of HVAC components in their installed condition illustrate actual size and proper configuration.



**Kitchen & bath design principles : elements, form, styles** / Nancy L. Wolford, Ellen Cheever.

Hennepin Technical Library / BPC NK2117.K5 W65 2015

“...To best serve clients, designers must learn to meet all codes, regulations, and expectations with a balance of substance and style. *Kitchen and Bath Design Principles* is the industry standard reference, from the industry-leading provider of kitchen and bath design education.”—Amazon.com



**Kitchen & bathroom planning guidelines with access standards** / National Kitchen & Bath Association.

Hennepin Technical Library / BPC TH3000.K58 .N385 2016

“...Kitchens and bathrooms are the two most functional rooms in the house, and also the most code-intensive. It is imperative that design professionals stay up to speed on the latest guidelines to ensure the safety and efficiency of their projects. ...The NKBA Kitchen & Bathroom Planning Guidelines with Access Standards is the complete reference professionals turn to for the latest in kitchen and bath design.”—Amazon.com



**Modern refrigeration and air conditioning** / by Andrew D. Althouse, Carl H. Turnquist, Alfred F. Bracciano, Daniel C. Bracciano, Gloria M. Bracciano.

Hennepin Technical Library / BPC TP492 .A43 2017

Hennepin Technical Library / EPC TP492 .A43 2017

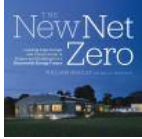
“Modern Refrigeration and Air Conditioning is the standard for a new generation of learners. This classic is an excellent blend of theory, skill development, and service techniques to help students learn how to install and service refrigeration and HVAC systems. Technical content has never been more up to date. A logical and progressive organization, rich learning pedagogy and features, a superior art program, and readability contribute to Modern Refrigeration and Air Conditioning’s highly accessible nature. Relevant career and workplace readiness content prepares students for a successful career in the HVACR industry.”—Amazon.com



**Modern plumbing** / E. Keith Blankenbaker.

Hennepin Technical Library / EPC TH6122 .B52 2015

“Modern Plumbing provides information on the design, installation, and service of the different systems found in the field. Basic information regarding safety, tools, materials, and equipment is presented. Detailed chapters discuss planning and organizing a plumbing job and the different careers available in the trade. A separate Job Practice Manual is available to complement the textbook by offering additional activities and review questions. Plumbing code features prepare students to check local requirements when performing actual work in the field. Step-by-step procedures guide students to learn the correct way of performing various essential tasks. The consistent use of color to represent various components and materials throughout the book helps students visualize different details of components.” -- Publisher’s Website.



**The new net zero : leading-edge design and construction of homes and buildings for a renewable energy future / William Maclay.**

Hennepin Technical Library / BPC TH880 .M32 2014

"The new threshold for green building is not just low energy, it's net-zero energy. In *The New Net Zero*, sustainable architect Bill Maclay charts the path for designers and builders interested in exploring green design's new frontier net-zero-energy structures that produce as much energy as they consume and are carbon neutral. In a nation where traditional buildings use roughly 40 percent of the total fossil energy, the interest in net-zero building is growing enormously-among both designers interested in addressing climate change and consumers interested in energy efficiency and long-term savings. ...Both new-building and renovation projects are covered in detail; *The New Net Zero* is geared toward professionals exploring net-zero design, but also suitable for nonprofessionals seeking ideas and strategies on net-zero options that are beautiful and renewably powered" -- Provided by publisher.



**Portfolio design / Harold Linton.**

Hennepin Technical Library / BPC NA1996 .L56 2012

Hennepin Technical Library / EPC NA1996 .L56 2012

...Drawn from a wide array of current student and professional portfolios, both print and electronic, the examples illustrate many and varied graphic design alternatives that demonstrate what will capture the reviewer's attention--and secure you an offer. While the print portfolio is far from dead, the technology has been revolutionized, so the text now focuses on the new standard operating procedure: portfolios designed and generally produced, sent, and viewed online. Portfolio pointers from industry professionals and educators complement the practical advice given by Harold Linton, who has taught portfolio design to generations of students.



**Pump characteristics and applications / Michael Volk.**

Hennepin Technical Library / BPC TJ900 .V85 2014

Hennepin Technical Library / EPC TJ900 .V85 2014

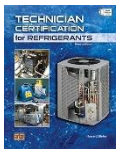
"This book offers a practical introduction to pumps and provides the tools necessary to select, size, operate, and maintain pumps properly. It highlights the interrelatedness of pump engineering from system and piping design to installation and startup. It provides new case studies designed to show real-world applications. The book's art program has been redone, with all figures now appearing in full color. It is also an excellent text for upper-level undergraduate and graduate students in departments of mechanical engineering, mechanical engineering technology, or engineering technology"-  
- Provided by publisher.



**Sketching for architecture + interior design / Stephanie Travis.**

Hennepin Technical Library / BPC NA2708 .T72 2015

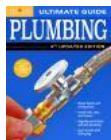
"Sketching for Architecture + Interior Design is an indispensable and practical guide for students wishing to master the art of looking and sketching. Forty-five step-by-step exercises take the student from the simple three-dimensional forms of furniture, through interiors, to complex building exteriors, and cityscapes. Technical topics covered include tools, line weight, perspective proportion, composition, shading, serial views, and context. Exercises are illustrated with beautiful sketches specially created by the author."--Cover.



**Technician Certification for Refrigerants / Howard Styles.**

Hennepin Technical Library / BPC TP492 .T425 2015

"Technician Certification for Refrigerants, 3rd Edition is a text/workbook that provides an overview of the latest information on safe and efficient storage, transportation, and usage of refrigerants. This new edition text/workbook has 18 chapters that include the latest EPA 608 regulations and their implications, and the latest HFC and PFC refrigerant information. ...Technician Certification for Refrigerants includes information on recovery, recycling, and reclaiming of refrigerants for all types of air conditioning systems. ..."—Amazon.com



**Ultimate guide : Plumbing** / principal author, Merle Henkenius, contributing author Steve Wilson ; technical editor for updated edition ; Charles T. Byers.  
Hennepin Technical Library / EPC TH6124 .H479 2017

A comprehensive guide to the plumbing system, with code-compliant, step-by-step projects. Features over 800 full-color photos and illustrations.



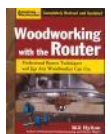
**Woodworking wisdom & know-how : everything you need to know to design, build, and create** / from the editors of Fine Wood Working ; compiled by Josh Leventhal.  
Hennepin Technical Library / BPC TT180 .W66 2018

...Woodworking Wisdom & Know-How is the essential go-to book for every woodworking project under the sun, from building kitchen cabinets to refinishing a deck. The book is organized by topics such as Types of Wood, Building a Workshop, Working and Finishing Wood, Design and Styles, and Small and Large Projects. Each section is further broken down into chapters that cover specific skills, projects, and crafts for both the beginner and the advanced woodworker--Choosing Plywood, Cutting Dovetails, Building a Look-Inside Birdhouse, Relief Carving, Constructing a Classic Bed, Handheld Power Tools, Building a Cherry Chest of Drawers, Milling Lumber Four-Square, Fashioning a Shaker- Style Clock, and much more. ...



**Woodturning techniques : furniture & cabinetmaking** / Mike Dunbar.  
Hennepin Technical Library / BPC TT202 .D85 2017

...This book gives you a complete course on turning furniture parts. You'll learn how to create chair and table legs, staircase balusters, bedposts, rails and stiles--even if you've never worked on a lathe before. Essential techniques covered include spindle turning, duplication, reeding, fluting and spiral turning. In addition you'll learn: the ins and outs of lathe operation, maintenance and safety; which tools you should invest in and which ones you can take a pass on; proper tool sharpening and honing procedures; woodturning techniques such as creating beads, coves, urns and vases; how to turn duplicates; and much more!



**Woodworking with the router : professional router techniques and jigs any woodworker can use** / Bill Hylton.  
Hennepin Technical Library / BPC TT203.5 .H95 2009

Still the undisputed champion of router how-to guides! Inside Woodworking with the Router learn the best ways to cut decorative edgings and moldings; surface wood and joint edges for glue-ups; shape furniture parts; cut curves, circles, and ovals; make cope-and-stick frames, and raise panels; cut strong, practical joints of all kinds—dadoes, rabbets, laps and half-laps, dovetails and sliding dovetails, mortise-and-tenon; make simple, accurate jigs and fixtures; design, make, and use templates to cut joints and shape parts; [and] design, build, and use a router table... This book is your comprehensive router woodworking manual, filled with practical advice to help you get the best use out of the most versatile power tool in woodworking: The router!

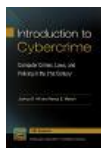
### **Business and Information Technology:**

#### **Accounting, Business, Individualized Studies, Information Technology**



**The five temptations of a CEO : a leadership fable** / Patrick Lencioni.  
Hennepin Technical Library / BPC PS3562.E479 F5 1998

"...Author Patrick Lencioni—noted screenplay writer and sought-after executive coach -- deftly tells the tale of a young CEO who, facing his first annual board review, knows he is failing, but doesn't know why. ...Refreshingly original and utterly compelling, the story of this executive (written to be read in one sitting) will be enjoyed, remembered, and reread for years to come. It serves a timeless and potent reminder that success as a leader can come down to practicing a few simple behaviors—behaviors that are painfully difficult for each of us to master. ..."—Amazon.com



**Introduction to cybercrime : computer crimes, laws, and policing in the 21st century** / Joshua B. Hill, Nancy E. Marion.

Hennepin Technical Library / BPC HV6773 .H554 2016

"Explaining cybercrime in a highly networked world, this book provides a comprehensive yet accessible summary of the history, modern developments, and efforts to combat cybercrime in various forms at all levels of government--international, national, state, and local. [This text] provides accessible, comprehensive coverage of a complex topic that encompasses identity theft to copyright infringement written for non-technical readers; pays due attention to important elements of cybercrime that have been largely ignored in the field, especially politics; supplies examinations of both the domestic and international efforts to combat cybercrime; [and] serves an ideal text for first-year undergraduate students in criminal justice programs"--Provided by publisher.



**Minority Women Professionals (MWP) are MVPs!** / Olayiwold, J. Nwando

Hennepin Technical Library / BPC HD6054.4.U6O43 2016

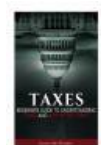
In this book, Dr. Olayiwola, a world renowned expert and leader in medicine and motivation, draws on her personal experiences and those of many successful Minority Women Professionals (MWPs), and outlines the Ten Essential Ingredients of their secret sauce. She offers that Minority Women Professionals, who have had to face issues due to their race, ethnicity, national origin, heritage, religion, sexual orientation, age, immigration, disability, and socioeconomic status, but have still attained incredible levels of success, are real MVPs.



**The six fundamentals of success : the rules for getting it right for yourself and your organization** / Stuart R. Levine.

Hennepin Technical Library / BPC HD31 .L3847 2004

"...In The Six Fundamentals of Success, CEO and business consultant Stuart Levine spells out exactly how to practice the constants of business success--whether it's satisfying customers, developing strong relationships, or communicating clearly--through six fundamental principles, gained from decades of experience working with top executives. But it's the way Levine zeroes in on these fundamentals--add value, communicate well, deliver results, act with integrity, invest in relationships, and gain perspective--and brings them to life through dozens of pithy, to-the-point rules that makes the book so practical and useful. With no-nonsense lessons like "Face time counts," "Do breakfast," and "Share the good news--and the bad," Levine offers concrete examples of how to behave, respond, and motivate others. ..." – Amazon.com



**Taxes: Beginners Guide To Understanding Taxes And Why We Pay Them** / Louis McDaniel

Hennepin Technical Library / BPC HJ2381.M33 2016

"...This Book will help you understand the history of taxes; the best way to file your taxes; [and] learn about different kind of tax classifications. This book helps you handle your taxes with a simple and efficient system. When you understand your taxes, you can make better budgeting and planning decisions to grow your personal net worth. You can even save money by filing your own taxes – and know your financial situation like the back of your hand! This essential guide will help you understand the taxes and plan better for your business, education, travel, or retirement!"—Amazon.com



**Your rights in the workplace** / Attorney Sachi Barreiro.

Hennepin Technical Library / BPC KF3455 .B37 2018

Hennepin Technical Library / EPC KF3455 .B37 2018

Features information on firing, wages, health insurance, medical leave, retirement plans, disability and worker's compensation insurance, discrimination, and privacy rights with up-to-date state and federal law information.



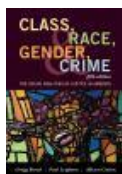
**Emergency and Public Service:**  
**EMS, Environmental Health & Safety, Fire Protection, Law Enforcement, Public Works**



**Advanced interviewing techniques : proven strategies for law enforcement, military, and security personnel** / by John R. Schafer and Joe Navarro.

Hennepin Technical Library / BPC HV8073 .S27 2016

"...Chapter topics include planning for the interview, the interview setting, props, assessing the interviewee, establishing dominance, rapport, Miranda warnings, detecting deception, nonverbal behavior, verbal clues to deception, the interviewing tool box, the anger cycle, breaking the impasse and other problems, and the end game. This book contains the latest verbal and nonverbal techniques to identify, with greater certainty, when interviewees are lying or concealing information. Written in a style law enforcement professionals prefer, the information is presented quickly, authoritatively, and to the point. While law enforcement, military, and intelligence personnel are the primary beneficiaries of this book, attorneys, human resource professionals, and anyone who makes inquiries of others on a daily basis will also find this book a useful resource."—Amazon.com



**Class, race, gender, & crime : the social realities of justice in America** / Gregg Barak, Paul Leighton, Allison Cotton.

Hennepin Technical Library / BPC HV9950 .B34 2018

Class, Race, Gender, and Crime is a powerful introduction to crime and the criminal justice system through the lens of class, race, gender, and their intersections. The book explores how power and privilege shape our understanding of crime and justice. The fifth edition features new material on police violence and Black Lives Matter, disability, and more. -- Provided by publisher.



**Command and control : ICS, strategy development and tactical selections** / by Robert Murgallis and Burton Phelps.

Hennepin Technical Library / EPC TH9310.8 .M87 2012

**"Book 1:** This book covers incident scene decision-making in depth; provides techniques to enhance a firefighter's ability to make rapid, correct decisions based on knowledge of various types of occupancies; and addresses the development of strategy and tactics and the size-up process. This book presents the Incident Command System (ICS) from the perspective of day-to-day application. ...Occupancy specific cues, cue-based decision-making, incident management cues, and strategy and tactics are provided for each occupancy type covered in the text."--Publisher's Website

**"Book 2:** This book details the basic processes that apply to all incidents as well as some of the specific procedures necessary to make effective decisions at certain common occupancies. It covers incident scene decision-making in depth, presenting the two current and successful methodologies for making emergency decisions. The authors explain the basic ICS elements in an easy-to-understand method and introduce the concepts of Unified Command, Complex Command, Area Command, and Incident Management Teams. This text adds to information given in Command and Control as well as introducing new materials and new occupancy types."--Publisher's Website

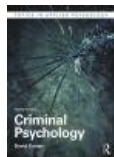


**Criminal investigation** / Steven G. Brandl.

Hennepin Technical Library / BPC HV8073 .B673 2019

"Criminal Investigation, Fourth Edition, offers a comprehensive and engaging examination of criminal investigation and the vital role criminal evidence plays in the process. The text focuses on the five critical areas essential to understanding criminal investigations:

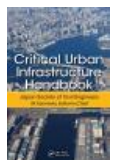
background and contextual issues, criminal evidence, legal procedures, evidence collection procedures, and forensic science. In this new edition, esteemed author Steven G. Brandl goes beyond a simple how-to on investigative procedures and analyzes modern research and actual investigative cases to demonstrate their importance in the real world of criminal justice."—Amazon.com



**Criminal psychology** / David Canter.

Hennepin Technical Library / BPC HV6080 .C375 2017

"This thoroughly updated and revised new edition provides an essential overview of a full range of psychological contributions to the understanding of crime and the processes of dealing with offenders and helping their victims. From the cognitive, developmental and social processes that influence a diverse range of crimes, including burglary, fraud, rape and murder, to the challenges faced by the police and courts in investigating crime or securing reliable testimony, the text is packed with pedagogical features that bring this fascinating subject to life. ..."—Amazon.com



**Critical urban infrastructure handbook** / edited by Japan Society of Civil Engineers, M. Hamada, editor-in-chief.

Hennepin Technical Library / EPC TA151 .C79 2015

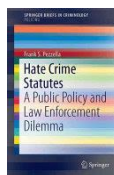
"A superb reference for civil and mechanical engineers involved in the planning, operations, management, and maintenance of all urban utilities, this handbook addresses water supply and sewerage, power, gas, telecommunications joint utility corridor (utilidor) lifeline facilities and other critical civil infrastructure lifelines. It covers the design and construction of facilities, maintenance, disaster management, environmental protection, and disaster and emergency recovery measures. It also discusses urban planning, life cycle cost, GIS analysis of lifeline systems, computerized integrated management systems, and the use of new materials and technologies."--Provided by publisher.



**Defensive Tactics** / YMAA Publication Center, Inc.

Hennepin Technical Library / BPC HV7923 .C53 2008

"Whether you are a law enforcement officer seeking to improve your edge or a martial artist wanting to expand your knowledge of street-proven techniques, you will find *Defensive Tactics: Street-Proven Arrest and Control Techniques* is filled with invaluable information to prepare you for even the most difficult scenarios."—Amazon.com



**Hate crime statutes : a public policy and law enforcement dilemma** / Frank S. Pezzella.

Hennepin Technical Library / BPC HV6773.52 .P49 2017

"This Brief provides a clearly outlined and accessible overview of the challenges in creating and enforcing hate crime legislation in the United States. As the author explains, while it is generally not controversial that hate crime behavior should be stopped, the question of how to do so effectively is complex."-- Provided by publisher.



**Hot-mix asphalt paving handbook 2000** / [American Association of State Highway and Transportation Officials and others].

Hennepin Technical Library / EPC TE275 .H67 2000

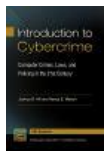
"This comprehensive handbook covers HMA project organization, mix design and job mix formulas, types of HMA manufacturing facilities, aggregate storage and handling, asphalt cement storage and distribution, batch and drum mix facility operations, surge and storage silos, emission controls, mix delivery, surface preparation, mix placement, automatic screed controls, joint construction, compaction, and equipment and mat problems/solutions. ...A practical guide for all connected with specifying paving materials and/or involved in the manufacturing/paving process."--Publisher's Website



**Interviewing and investigation : smart talk** / Denise Kindschi Gosselin.

Hennepin Technical Library / BPC HV8073 .G67 2019

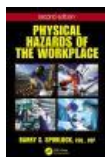
"...Smart Talk provides essential interviewing and interrogation methods that readers can rely on throughout a criminal justice career. Exploring multiple approaches and legal considerations, Gosselin describes techniques that improve both the quality and quantity of information gathered from victims, witnesses, and perpetrators. All chapters of the 2nd edition have been updated with the most current methods of interviewing and interrogation, including new uses of technology and cutting-edge communication styles."—Amazon.com



**Introduction to cybercrime : computer crimes, laws, and policing in the 21st century** / Joshua B. Hill, Nancy E. Marion.

Hennepin Technical Library / BPC HV6773 .H554 2016

"Explaining cybercrime in a highly networked world, this book provides a comprehensive yet accessible summary of the history, modern developments, and efforts to combat cybercrime in various forms at all levels of government--international, national, state, and local. [This text] provides accessible, comprehensive coverage of a complex topic that encompasses identity theft to copyright infringement written for non-technical readers; pays due attention to important elements of cybercrime that have been largely ignored in the field, especially politics; supplies examinations of both the domestic and international efforts to combat cybercrime; [and] serves an ideal text for first-year undergraduate students in criminal justice programs"--Provided by publisher.



**Physical hazards of the workplace** / Barry Spurlock.

Hennepin Technical Library / EPC T55 .S74 2018

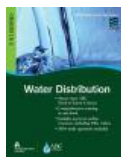
"Every workplace contains dangers, especially those devoted to technology, machinery, and potentially hazardous material. This second edition of a bestseller provides readers with the information they need to understand the regulations that provide for facility safety and their successful implementation for profitable management of any business. The author covers dangers related to machines, the respiratory system, the circulatory system, confined spaces, chemicals, personnel, cumulative trauma, environmental issues, electricity, noise, fire and explosion, and the risk of falling. He discusses issues of emergency and disaster preparedness and includes appendices that concisely detail OSHA training requirements, posting standards, and more."—Publisher's Website



**Police pursuit of the common good : reforming & restoring police community** / Ginger Charles.

Hennepin Technical Library / BPC HV7936 .C53 2016

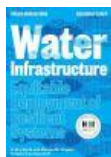
In the Police Pursuit of the Common Good, Dr. Ginger Charles examines the current issues facing law enforcement and marginalized communities. She presents reasons why our police communities appear to be in constant conflict with marginalized communities for the last several years. In the book, she explores the behaviors in the police culture from a social psychological perspective, illustrating the importance of understanding police behaviors in order to change the culture of conflict. It is her experience as a police officer that provides the reader with a unique understanding from inside the police community and as an observer of that community. Dr. Charles concludes with potential solutions to reform and restore the police culture, as well as heal the divide between our communities and the police.



**Water distribution : Grades 1 & 2.** / American Water Works Association

Hennepin Technical Library / EPC TD481 .A4 2016

"WSO Water Distribution, Grades 1 and 2, is organized into 22 chapters addressing core test content on certification exams. Chapters discuss regulations, operator math and chemistry, and specific distribution processes in detail. Other chapters cover water use and system design, water mains, hydrants and valves, water system supply security and public relations."--Amazon.com.



**Water infrastructure : equitable deployment of resilient systems** / S. Bry Sarté and Morana M. Stipisic.

Hennepin Technical Library / EPC TC405 .S27x 2016

"Innovations in Water Infrastructure, tackles the issue of water and sanitation as one of the most pressing and urgent issues of our time in a global context. S. Bry Sarte and Morana M. Stipisic highlight the ways in which resilient design for water infrastructure can be reframed as critical connective tissue and as a living system that provides a variety of benefits such as decreasing urban heat island effects, releasing pressure on aging infrastructure, absorbing water for flood protection, filtering water and reuse, and providing ecological habitat and ecosystem services." -- Publisher's Website



**White privilege and black rights : the injustice of U.S. police racial profiling and homicide** / Naomi Zack.

Hennepin Technical Library / BPC HV7936.R3 .Z33 2015

Examining racial profiling in American policing, Naomi Zack argues against white privilege discourse while introducing a new theory of applicative justice. Deepening understanding without abandoning hope, Zack shows why it is more important to consider black rights than white privilege as we move forward through today's culture of inequality.

### General Education:

**Arts, Biology, Chemistry, Communications, Economics, English, ESOL, Language, Math, Philosophy, Physics, Psychology, Sociology**



**About vectors** / Banesh Hoffman.

Hennepin Technical Library / EPC QA433 .H63 1975\*

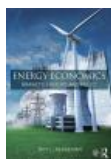
"From his unusual beginning and 'Defining a vector' to his final comments on 'What then is a vector?' author Banesh Hoffmann has written a book about vectors that is provocative and unconventional, emphasizing the unresolved issue of defining a vector. Mixing pure and applied mathematics, without using calculus, the author has conceived a book that is intended as a supplement and corrective to textbooks, and as collateral reading in all courses that deal with vectors. ..."  
-- Back cover.



**Advanced public speaking : dynamics and techniques** / Ruth Livingston, PhD.

Hennepin Technical Library / BPC PN4121.15 .L58 2015

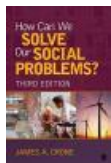
"The text provides instruction on how to give different types of presentations and how to improve upon other communication skills including listening. Topics include harnessing the fear of public speaking, applying immediacy, storytelling, motivating others, listening actively, interviewing successfully, lecturing and conducting workshops effectively, speaking off the cuff, selling yourself and your business, and presenting for special occasions. Aristotle's Canons of Rhetoric are also discussed as a foundation to organizing and delivering dynamic presentations. The book is ideal as a text for an Advanced Public Speaking course."—Amazon.com



**Energy economics : markets, history and policy** / Roy L. Neresian.

Hennepin Technical Library / EPC HD9502.A2 N4647 2016

"Three quarters of our current electricity usage and transport methods are derived from fossil fuels and yet within two centuries these resources will dry up. Energy Economics covers the role of each fossil and renewable energy source in today's world, providing the information and tools that will enable students to understand the finite nature of fossil fuels and the alternative solutions that are available. ... This textbook is an essential text for those who study energy economics, resource economics or energy policy."--Publisher's Website



### **How can we solve our social problems? / James A. Crone.**

Hennepin Technical Library / BPC HN18.3 .C76 2016

"Many of today's social problems—poverty, crime, racism, sexism, drug abuse, unequal access to quality health care or education, threats to the environment, over-population—can seem intractable. James A. Crone's **How Can We Solve Our Social Problems?, Third Edition** is designed to give students studying these types of social problems a sense of hope. Unlike the standard survey texts that focus heavily on the causes and consequences of problems, this book is devoted to analyzing possible solutions. It maintains a sense of sociological objectivity throughout, and without moralizing, describes what *could* be done in America and on a global scale, through government policies, private sector initiatives, and the collective actions of citizens, to address even our most pervasive social problems."—Amazon.com



### **How we fight white supremacy : a field guide to Black resistance / [edited by] Akiba Solomon + Kenrya Rankin.**

Hennepin Technical Library / BPC E185.61 .H845 2019

"We are facing unprecedented attacks on our democracy, our dignity, and our hard-won civil rights. If you're Black in the US, this is not new. As Colorlines editors Akiba Solomon and Kenrya Rankin show, Black Americans subvert and resist life-threatening forces as a matter of course. In these pages, Solomon and Rankin bring together leading Black voices who offer wisdom on how they fight White supremacy. It's a must-read for people well-steeped in resistance work and for the next generation of freedom dreamers." -- Back cover.



### **Human behavior and the social environment, micro level : individuals and families / Katherine van Wormer.**

Hennepin Technical Library / EPC HM1033 .V37 2017

"Human Behavior and the Social Environment, Micro Level draws on a resilience model to explore the dynamics of human behavior across the life span. Biological, psychological, and spiritual dimensions are covered. Illustrations and vignettes from social work, psychology, literature, philosophy, and current events highlight the turning points in our lives. Critical thinking questions are provided. The result is an essential book that bridges theory and practice in accordance with the 2015 Council on Social Work Education (CSWE) standards."—Amazon.com



### **Social media communication : concepts, practices, data, law and ethics / Jeremy Harris Lipschultz.**

Hennepin Technical Library / BPC HM741 .L563 2018

"In the second edition of *Social Media Communication: Concepts, Practices, Data, Law and Ethics*, Jeremy Harris Lipschultz presents a wide-scale, interdisciplinary analysis and guide to social media. Examining platforms such as Facebook, Instagram, Snapchat, LinkedIn, YouTube and Pinterest, this book explores and analyzes journalism, broadcasting, public relations, advertising and marketing. Lipschultz focuses on key concepts, best practices, data analyses, law and ethics—all promoting the critical thinking professionals and students need to use new networking tools effectively and to navigate social and mobile media spaces. Featuring historical markers and contemporary case studies, essays from some of the industry's leading social media innovators and a comprehensive glossary, this practical, multipurpose textbook gives readers the resources they'll need to both evaluate and utilize current and future forms of social media."—Amazon.com

**Health:**

**Community Paramedic, Dental, Health Science (Broad Field), Health Unit Coordinator & Nursing Station, Medical Assistant, Medical Office, Nursing Assistant/Home Health Aide, Pharmacy Technology, Practical Nursing**



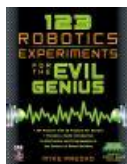
**Medical transcription : fundamentals and practice** / Health Professions Institute.

Hennepin Technical Library / BPC R728.8 .M44 2007

"Teaching users how to transcribe actual medical dictation so that they can develop the selective hearing skills and experience necessary to gain competency as a medical transcriptionist, this guide offers a unique combination of authentic physician dictation by body systems, coordinated readings and exercises by medical specialty, and supplementary information vital to every medical transcriptionist. Supports text with six hours of authentic physical dictation—not synthetic studio recording; all dictations are carefully selected for subject matter, professionally edited to delete confidential identifying information, and then sequenced in a way to promote comprehension and encourage learning. ..."—Amazon.com

**Manufacturing & Engineering Technology:**

**ARET, Electronics, Engineering CAD, Fluid Power, Industrial Building Engineering and Maintenance, Machine Tool Technology & Quality Assurance, Manufacturing Engineering, Plastics, Welding & Metal Fabrication**



**123 robotics experiments for the evil genius** / Myke Predko.

Hennepin Technical Library / EPC TJ211 .P73 2004\*

"If you enjoy tinkering in your workshop and have a fascination for robotics, you'll have hours of fun working through the 123 experiments found in this innovative project book. More than just an enjoyable way to spend time, these exciting experiments also provide a solid grounding in robotics, electronics, and programming. Each experiment builds on the skills acquired in those before it so you develop a hands-on, nuts-and-bolts understanding of robotics -- from the ground up."--Book Jacket.



**Brilliant LED projects : 20 electronic designs for artists, hobbyists, and experimenters** / Nick Dossis.

Hennepin Technical Library / EPC TK9965 .D67 2012\*

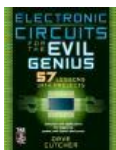
Presents 20 hands-on, step-by-step projects for you to make using inexpensive, commonly available components. Projects range from simple, functional devices, such as a "green" LED flashlight and a flashing rear bike light, to more complex designs, including color-changing disco lights and persistence-of-vision gadgets all featuring easy-to-follow instructions, highlighted with detailed illustrations.



**CNC router essentials : basics for mastering the most innovative tool in your workshop** / Randy Johnson & George Vondriska.

Hennepin Technical Library / BPC TT203.5 .J64 2018

"CNC machines are now easier to use, less expensive to purchase, and will greatly increase woodworking productivity in the shop. ...Project design essentials, toolpath basics, machine setup, bit selection, and more are all explained in an approachable and easy-to-understand format that will have any woodworker maximizing the full capacity of their CNC machine. Helpful practice projects in 2-D and 3-D will ensure that you've grasped the basics of this versatile tool, while a gallery will inspire you to create your own imaginative designs" -- publisher's description.



### Electronic circuits for the evil genius / Dave Cutcher.

Hennepin Technical Library / BPC TK9965 .C88 2005\*

From the Back Cover -- FROM CIRCUIT FAINT HEART TO CIRCUIT LION HEART IN 57 EASY AND FUN LESSONS. Featuring everything an electronics hobbyist could want to learn about circuits and circuit design, Dave Cutcher's Electronic Circuits for the Evil Genius makes it fun to achieve genuine mastery, one simple lesson at a time. What's more, when you're done, you'll have 5 complete projects to show for your efforts!



### Fuel cell projects for the evil genius / Gavin D.J. Harper.

Hennepin Technical Library / EPC TK2931 .H35 2006\*

A fun and environmentally-aware project book focusing on fuel cells--technologies that generate electrical power whose only waste output is water. Includes concepts important to fuel cell technology, how to build a simple fuel cell, and why the hydrogen economy will be penetrating everyone's life during the next decade.--From publisher description.



### Learn to weld : beginning MIG welding and metal fabrication basics / Stephen Blake Christena.

Hennepin Technical Library / EPC TK4660 .C517 2014

"Master MIG welding and the metal fabrication techniques you need to repair, create, and duplicate projects in your home welding studio. Learn to Weld starts with the basics: setting up your studio, the right safety gear and safety procedures, and the equipment and materials you will need to begin with welding. With the help of step-by-step metalworking photos and tutorials, you will learn detailed techniques for cutting and grinding, and for joinery using a MIG welder. ...With Learn to Weld you'll be equipped to conquer a world of welding projects"-- Provided by publisher.



### Modern electronics soldering techniques / Andrew Singmin.

Hennepin Technical Library / BPC TK7870 .S52425 2000

"This book covers anything and everything needed to learn the art of electronics soldering. The traditional notion of soldering no longer applies in the quickly changing world of technology. This book will help you acquire the skills needed to solder wires and components, troubleshoot, utilize simple test meters and more. A great tool for the beginner or someone wanting to advance his or her career."—Amazon.com



### Practical switching power supply design / Marty Brown.

Hennepin Technical Library / BPC TK7868.S9 B66 1990

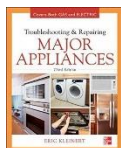
"...This is a comprehensive "hands-on" guide to the theory behind, and design of, PWM and resonant switching supplies. You'll find information on switching supply operation and selecting an appropriate topology for your application. There's extensive coverage of buck, boost, flyback, push-pull, half bridge, and full bridge regulator circuits. Special attention is given to semiconductors used in switching supplies. RFI/EMI reduction, grounding, testing, and safety standards are also detailed. Numerous design examples and equations are given and discussed..."—Amazon.com



### Programming of CNC machines / Ken Evans.

Hennepin Technical Library / BPC TJ1189 .E83 2016

"Written in a simple, easy-to-understand language by a skilled programmer with many years of experience teaching CNC machining to industry and in the classroom, this new edition offers a new chapter on feature-based Machining using Siemens, plus a new chapter featuring Fanuc NC guide I programming. It provides full descriptions of many operation and programming functions and illustrates their practical applications through examples. It provides in-depth information on how to program turning and milling machines, which is applicable to almost all control systems. It keeps all theoretical explanations to a minimum throughout so that they do not distort an understanding of the programming. ..."—Amazon.com



### **Troubleshooting and Repairing Major Appliances / Eric Kleinert.**

Hennepin Technical Library / BPC TK7018.K56 2012

“Fully updated for current technologies and packed with hundreds of photos and diagrams, this do-it-yourself guide shows you how to safely install, operate, maintain, and fix gas and electric appliances of all types. *Troubleshooting and Repairing Major Appliances*, Third Edition provides easy-to follow procedures for using test meters, replacing parts, reading circuit diagrams, interpreting fault and error codes, and diagnosing problems. Featuring a new chapter on becoming a service technician, this practical, money-saving resource is ideal for homeowners and professionals alike.”—Amazon.com



### **Weld like a pro / Jerry Utrachi.**

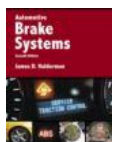
Hennepin Technical Library / BPC TS227 .U87 2015

Hennepin Technical Library / EPC TS227 .U87 2015

“Welding is an art and skill that’s essential for automotive fabrication, repair, and vehicle upgrades. It is also an important skill for countless household projects and industries. Some books show basic welding techniques with steel and cast iron. But this isn’t your run-of-the-mill introductory welding book. In this revised edition of the previous title, *Advanced Automotive Welding*, Jerry Utrachi, past president of the American Welding Society, shows you how to perform basic welding procedures with steel and cast iron. He also reveals advanced welding techniques and the use of aluminum, titanium, magnesium, stainless steel, and other specialty materials. Projects and techniques focus on automotive applications but they can also be used for welding a bicycle frame, a steel grill, and other everyday fixes. ...”—Amazon.com

## **Transportation:**

**Auto Body Collision, Automotive Technology, Ford ASSET, Marine, Motorsport and Outdoor Power Equipment, Medium/Heavy Truck Technology, *Light Rail?***



### **Automotive brake systems / James D. Halderman.**

Hennepin Technical Library / BPC TL269 .H35 2017

“*Automotive Brake Systems, 7/e* covers every electrical and electronic brake component found on vehicles today, as well as the practical skills that students must master to be successful in the industry. Written by a service technician and an automotive instructor—not a technical writer—and fully up to date with the latest electrical and electronic brake systems devices and systems used since 2005, the text is revered as the best available text on the subject. ...”—Amazon.com



### **Automotive rust repair & prevention / by Dennis Parks.**

Hennepin Technical Library / BPC TL255 .P3595 2018

Automotive Rust Repair and Prevention is an illustrated how-to detailing everything owners need to not only repair rust but prevent it as well -- Provided by publisher.



### **Collision repair and refinishing : a foundation course for technicians /**

Alfred Thomas, Mike Jund, Edward A Valle.

Hennepin Technical Library / EPC TL255 .T56 2018

“This trusted, reader-friendly text provides you with a thorough guide to all major areas of collision repair and refinishing as outlined by ASE Education Foundation. *Collision Repair and Refinishing: A Foundation Course for Technicians*, Third Edition, covers structural and non-structural analysis and damage repair, welding, painting and refinishing, paint chemistry, sacrificial coatings for corrosion resistance, mechanical and electrical systems, and more. A chapter on the expanded use of aluminum for domestic vehicle manufacture explores this important trend, as well as basic repair principles related to it. ...”—Amazon.com

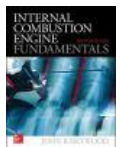




**The complete guide to auto body repair** / by Dennis W. Parks.

Hennepin Technical Library / BPC TL255 .P36 2015

The Complete Guide to Auto Body Repair provides all the information you'll need to deal with any dents, scratches, and corrosion your car suffers, as well as the many techniques required during a car restoration or customization project. The Complete Guide to Auto Body Repair will help you return your car to its former glory and avoid paying a body shop for work you can do yourself.



**Internal combustion engine fundamentals** / John B. Heywood.

Hennepin Technical Library / BPC TJ755 .H49 2018

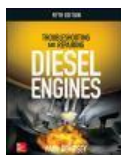
"Written by one of the most recognized and highly regarded names in internal combustion engines this trusted educational resource and professional reference covers the key physical and chemical processes that govern internal combustion engine operation and design. *Internal Combustion Engine Fundamentals, Second Edition*, has been thoroughly revised to cover recent advances, including performance enhancement, efficiency improvements, and emission reduction technologies. Highly illustrated and cross-referenced, the book includes discussions of these engines' environmental impacts and requirements. You will get complete explanations of spark-ignition and compression-ignition (diesel) engine operating characteristics as well as of engine flow and combustion phenomena and fuel requirements."—Amazon.com



**Manual drivetrains and axles** / James D. Halderman, Tom Birch.

Hennepin Technical Library / BPC TL260 .B57 2018

"Provides a complete, state-of-the-art source on the operating principles, as well as the service and repair procedures, for manual drivetrains and axles, and includes the practical skills that students must master to be successful in the industry. The book focuses on the generic theory that underlies the operation, diagnosis, and repair of the units and subassemblies found in the many makes and types of vehicles students will likely encounter in their careers."--Publisher description.



**Troubleshooting and repairing diesel engines** / Paul Dempsey.

Hennepin Technical Library / BPC TJ799 .D44 2018

Solve diesel engine problems quickly and easily using the latest methods. This hands-on guide shows, step by step, how to save time and money by learning to identify and fix virtually any diesel engine problem yourself. Thoroughly updated to cover the latest advances in diesel technology, *Troubleshooting and Repairing Diesel Engines, Fifth Edition* contains hundreds of drawings, schematics, and photographs to ensure success and avoid frustration. This fully revised classic resource equips you with all of the techniques you need to keep diesel engines running in top condition.



**Race Tech's motorcycle suspension bible** / Paul Thede and Lee Parks.

Hennepin Technical Library / EPC TL444 .T44 2010

"Suspension is probably the most misunderstood aspect of motorcycle performance. This book, by America's premier suspension specialist, makes the art and science of suspension tuning accessible to professional and backyard motorcycle mechanics alike. Based on Paul Thede's wildly popular Race Tech Suspension Seminars, this step-by-step guide shows anyone how to make their bike, or their kid's, handle like a pro's. Thede gives a clear account of the three forces of suspension that you must understand to make accurate assessments of your suspension's condition. He outlines testing procedures that will help you gauge how well you're improving your suspension, along with your riding. And, if you're inclined to perfect your bike's handling, he even explains the black art of chassis geometry. Finally, step-by-step photos of suspension disassembly and assembly help you rebuild your forks and shocks for optimum performance. The book even provides detailed troubleshooting guides for dirt, street, and supermoto--promising a solution to virtually any handling problem"--Publisher's description.



**Small engines and outdoor power equipment : a care & repair guide for lawn mowers, snowblowers & small gas-powered implements** / edited by Peter Hunn.

Hennepin Technical Library / EPC TJ790 .S5827 2014

If you use gas-powered lawn mowers, snowblowers, chain saws, or any other piece of equipment with an engine, you know how inconvenient it is when the implement needs service. Small-engine maintenance is not that complicated or time consuming, especially if you have good information to show you how. This book is the information source that shows you just what you need to do. Among the skills you'll learn in this illustrated book are adjusting and overhauling the carburetor; replacing the spark plug; servicing the fuel system; replacing the rewind cord; testing the electrical system; maintaining the mechanical parts; and much more.



**Two-stroke engines** / Harry Senn.

Hennepin Technical Library / EPC TJ790 .S46 2018

"Two-Stroke Engines cultivates a sound understanding of the two-stroke engines, used in the outdoor power equipment industry. This comprehensive textbook is designed to help aspiring small engine technicians learn the construction, operation, service, and repair of modern two-stroke engines. It includes ample illustrations and photographs, many of which were created specifically for this textbook. Presents the theory, operation, diagnosis, service, and repair of two-stroke engines in a concise, easy-to-understand manner. Covers engines, produced by a variety of leading two-stroke engine manufacturers, with a special focus on hand-held engine designs that meet the standards of the Clean Air Act. Prepares students for the Equipment and Engine Training Council's Two-Stroke Engine Certification, which is widely recognized by prospective employers in the industry." -- Amazon.com.



**Weld like a pro** / Jerry Uttrachi.

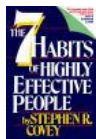
Hennepin Technical Library / BPC TS227 .U87 2015

Hennepin Technical Library / EPC TS227 .U87 2015

"Welding is an art and skill that's essential for automotive fabrication, repair, and vehicle upgrades. It is also an important skill for countless household projects and industries. Some books show basic welding techniques with steel and cast iron. But this isn't your run-of-the-mill introductory welding book. In this revised edition of the previous title, *Advanced Automotive Welding*, Jerry Uttrachi, past president of the American Welding Society, shows you how to perform basic welding procedures with steel and cast iron. He also reveals advanced welding techniques and the use of aluminum, titanium, magnesium, stainless steel, and other specialty materials. Projects and techniques focus on automotive applications but they can also be used for welding a bicycle frame, a steel grill, and other everyday fixes. ..."—Amazon.com

## General Non-Fiction:

### Conduct of Life



**The seven habits of highly effective people : restoring the character ethic** / Stephen R. Covey.

Hennepin Technical Library / BPC BF637.S8 C68 1989

"In *The 7 Habits of Highly Effective People*, author Stephen R. Covey presents a holistic, integrated, principle-centered approach for solving personal and professional problems. With penetrating insights and pointed anecdotes, Covey reveals a step-by-step pathway for living with fairness, integrity, honesty, and human dignity -- principles that give us the security to adapt to change and the wisdom and power to take advantage of the opportunities that change creates." -- Amazon.com

## Cosmology



### **The illustrated a brief history of time / Stephen Hawking.**

Hennepin Technical Library / EPC QB981 .H377 1996

The book was on the cutting edge of what was then known about the nature of the universe, but since that time there have been extraordinary advances in the technology of observing both the micro- and the macrocosmic worlds. These observations have confirmed many of Professor Hawking's theoretical predictions in the first edition of his book, including the recent discoveries of the Cosmic Background Explorer satellite (COBE), which probed back in time to within 300,000 years of the universe's beginning and revealed wrinkles in the fabric of space-time that he had projected. Eager to bring his original text the new knowledge revealed by these many observations, as well as his most recent research, for this expanded edition Professor Hawking has prepared a new introduction to the book, written an entirely new chapter on the fascinating subject of wormholes and time travel, and updated the original chapters. ...

## Dinosaurs



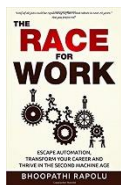
### **The bone museum : travels in the lost worlds of dinosaurs and birds / Wayne Grady.**

Hennepin Technical Library / EPC QE861.4 .G72 2000\*



In 1996, a group of Chinese farmers discovered fossils whose skeletons looked like small dinosaurs outlined with feathers. To paleontologist Phil Currie, this finding suggested that the controversial theory that dinosaurs evolved into birds might be true. In *The Bone Museum*, Wayne Grady recounts his travels with Currie on major digs. Conveying both the environmental challenges and the adrenaline rush of discovery, Grady's tales are a compelling blend of adventure and intellectual quest.

## Employment



### **The Race For Work / Bhoopathi Rapolu**

Hennepin Technical Library / BPC HF5382.7.R37 2016

“Discover the secrets for thriving in a world being swept by automation! The rapid growth of technology and automation has changed the way we seek our work and find fulfillment--money, meaning and freedom. Those who don't adapt are being trapped in the downward spiral of career stagnation, working harder and earning less, or losing their jobs altogether. People who understood how to win out over intelligent machines have found their dream jobs and career fulfillment. ...The tide has turned and emerging technologies are changing the face of business on a global scale. Will you ride the wave of change or be buried under it? Read this book. Your success in life depends on it.”—Amazon.com

## Fourth Dimension

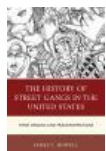


### **Flatland : a romance of many dimensions / with illustrations by the author, A Square (Edwin A. Abbott) ; with introduction by William Garnett.**

Hennepin Technical Library / EPC QA699 .A13 1983\*

Narrated by A. Square, *Flatland* is Edwin A. Abbott's delightful mathematical fantasy about life in a two-dimensional world. All existence is limited to length and breadth in Flatland, its inhabitants unable even to imagine a third dimension. Abbott's amiable narrator provides an overview of this fantastic world--its physics and metaphysics, its history, customs, and religious beliefs. But when a strange visitor mysteriously appears and transports the incredulous Flatlander to the Land of Three Dimensions, his worldview is forever shattered.

## Gangs



**The history of street gangs in the United States : their origins and transformations** / James C. Howell.

Hennepin Technical Library / BPC HV6439.U5 H6794 2015

"This book is an historical account of the emergence of youth gangs and the transformation of these into street gangs in the United States. ... This analysis includes the influence of prison gangs on street gangs. The first generation of prison gangs emerged spontaneously in response to dangers inside prisons. The second generation was for many years extensions of street gangs that grew enormously during the 1980s and 1990s, particularly in large urban areas in which public housing projects have served as incubators for street gangs. The third generation of prison gangs is extremely active in street-level criminal enterprises in varied forms, often highly structured and well managed organizations that are actively involved in drug trafficking. ... This book identifies the most promising ways that gang violence can be reduced. ... Targeted suppression of gang violence is imperative. Street-workers that serve as violence interrupters can break the cycle of contagious gang violence." -- Publisher's description

## Hate Crimes



**Hate crimes : causes, controls, and controversies** / Phyllis B. Gerstenfeld.

Hennepin Technical Library / BPC HV6773.52 .G47 2018

Content Notes: Preface -- Second edition preface -- Third edition preface -- Acknowledgments -  
- The whys and hows of hate crime laws -- The hate debate : constitutional and policy problems  
-- Committing hate : who and why -- Organized hate -- Hate crime victims -- Fighting hate --  
Global hate : international problems and solutions -- The future of hate -- Appendix A: Selected  
international hate crime laws -- Appendix B: Selected resources on hate crimes -- Appendix C: Film  
suggestions -- References -- Index -- About the author.



**Hate crimes in America** / by Melissa Abramovitz ; content consultant.

Hennepin Technical Library / BPC HV6773.52 .A27 2017

"Hate Crimes in America covers the history of crimes motivated by prejudice, examples of such incidents in the headlines today, and the ways in which communities are responding to these vicious acts."--Publisher's website.



**Hate crimes in cyberspace** / Danielle Keats Citron.

Hennepin Technical Library / BPC HV6773.15.C92 C57 2014

The author examines the controversies surrounding cyber-harassment, arguing that it should be considered a matter for civil rights law and that social norms of decency and civility must be leveraged to stop it. --Publisher's description.

## Legal Guides



**A legal guide for lesbian and gay couples** / Attorneys Frederick Hertz and Emily Doskow.

Hennepin Technical Library / BPC KF539 .C58 2018

Hennepin Technical Library / EPC KF539 .C58 2018

Gay and lesbian couples have gained a lot of legal ground in recent years. Although same-sex marriage is now legal across the U.S., laws governing civil unions and domestic partnerships continue to vary from state to state. ... This plain-English guide shows you how to: have and raise children through adoption, donors, surrogacy, or foster parenting; jointly buy a house or other property; make decisions about living together, marrying, or registering as legal partners; make a will or living trust; make medical decisions for each other if needed; and deal with the end of a relationship. The 19th edition is completely revised to provide the latest on same-sex marriage and parentage laws.



**Living together : a legal guide for unmarried couples** / Attorneys Frederick Hertz and Lina Guillen.

Hennepin Technical Library / BPC KF538 .I35 2017

"Laws that protect married couples—on property ownership, divorce, inheritance rights, and more—don't apply to unmarried couples. To define and protect your relationship—and your assets—you need to take specific legal steps and use the right documents. Whether you're just starting out or are one of the growing number of older couples who choose to live together, this revised edition has the information you need. It covers all the big issues facing unmarried couples living together ..."—Amazon.com



**Your rights in the workplace** / Attorney Sachi Barreiro.

Hennepin Technical Library / BPC KF3455 .B37 2018

Hennepin Technical Library / EPC KF3455 .B37 2018

Features information on firing, wages, health insurance, medical leave, retirement plans, disability and worker's compensation insurance, discrimination, and privacy rights with up-to-date state and federal law information.

### Knots & Ropework



**The ultimate encyclopedia of knots & ropework** / Geoffrey Budworth.

Hennepin Technical Library / EPC VM533 .B83 2011\*

"This definitive, practical reference book presents 200 knots, explaining and illustrating how to tie them in step-by-step photographs and clear, detailed text."--Dust jacket flap.

### Planets & Stars



**Destination Mars** / Alain Dupas.

Hennepin Technical Library / EPC QB641 D87 2004\*

Destination Mars recounts the discoveries made about the Red Planet by the ancient Babylonians, Egyptians, Greeks and Romans. The current discoveries being made by telescopes and probes are reviewed in detail, as are the plans for a manned voyage to Mars now scheduled for 2015.



**The stars of heaven** / Clifford A. Pickover.

Hennepin Technical Library / EPC QB801 .P53 2004

"Do a little armchair space travel, rub elbows with alien life forms, and stretch your mind to the furthest corners of our uncharted universe. With this astonishing guidebook, you don't have to be an astronomer to explore the mysteries of stars and their profound meaning for human existence. ... This highly accessible and entertaining approach turns an intimidating subject into a scientific game open to all dreamers. Told in Pickover's inimitable blend of fascinating state-of-the-art science and whimsical science fiction, and packed with numerous diagrams and illustrations, The Stars of Heaven unfolds a world of paradox and mystery, one that will intrigue anyone who has ever pondered the night sky with wonder."--Publisher's Website

## Vietnam War



**Poetic healing : a Vietnam veteran's journey from a communication perspective** / Mark E. Huglen, critical commentary ; Basil B. Clark, poems and plays ; afterword by Bernard L. Brock.

Hennepin Technical Library / BPC PS3603.L356 Z69 2005

"Poetic Healing is about a Vietnam Veteran's pain and the healing power of words. Basil B. Clark's sense of order was disrupted after an ambush in Vietnam that resulted in the constant ringing in the ears known as tinnitus. Clark had to accept such pain as the norm to help himself recover meaning and regain a sense of order. His plays and poems function as equipment for living and include dynamic conversations among imaginary family members, friends, and divine agents. Clark's plays and poems are supplemented by the critical commentary of Mark E. Huglen, who offers insight into the five phases of poetic healing. He draws upon the teachings of renowned scholar Kenneth Burke, particularly his terms for order, orientation, realms for words, and perspective by incongruity, bringing Burke closer to intrapersonal and interpersonal communication as well as to the study of suicide. Bernard Brock's Afterword describes how Clark manages to heal not just with his words and symbolism, but through them. Poetic Healing tells the story of the word's power to transform pain, loss, and even desperation into their counterparts, a poetic journey that will uplift and inspire."—Amazon.com