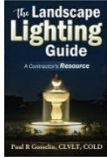


Program Related Non-Fiction

Building and Landscape:

Architectural Technology, Carpentry, HVAC, Landscape, Horticulture and Greenhouse, Plumbing, Woodworking



The Landscape Lighting Guide; A Contractor's Resource / Paul R. Gosselin.

Hennepin Technical Library BPC SB4737.G677 2017

“The Landscape Lighting Guide is here to help almost anyone become successful in the trade of low voltage LED landscape lighting. This is a simple-to-understand guide that takes the potential outdoor lighting entrepreneur through the basic steps necessary to start a business. This short and sweet guide will take you from choosing the company name to completing installation of a quality outdoor lighting system. It won't bog down with a lot of technical jargon, or boring information that you'll learn through experience anyway. ...Lights? Camera? ACTION!” – Amazon.com

Business and Information Technology:

Accounting, Business, Individualized Studies, Information Technology



A guide to starting a business in Minnesota / [edited by] Charles A. Schaffer, Madeline Harris, Mark Simmer.

Hennepin Technical Library BPC HD2346.U52 M45 2019

Hennepin Technical Library EPC HD2346.U52 M45 2019

Table of Contents: Choosing the form of business organization -- Filing documents with the Office of the Minnesota Secretary of State -- Regulatory considerations -- Intellectual property protection - - Business plan -- Accounting for the new business -- Business grants -- Business loans -- Insurance -- Issues for employers -- Business taxes -- Sources of information and assistance -- Resource directory -- Directory of licenses and permits.



Becoming leaders : a practical handbook for women in engineering, science, and technology / F. Mary Williams, Ph.D., Carolyn J. Emerson.

Hennepin Technical Library BPC T36 .W55 2019

Hennepin Technical Library EPC T36 .W55 2019

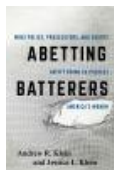
“Becoming Leaders: A Practical Handbook for Women in Engineering, Science, and Technology, Second Edition is intended for people interested in the advancement of their own careers or in the development of human resources in their organization. ...This second edition includes new information on implicit bias, other factors affecting leadership success, the impact of social media, management of diversity and inclusion initiatives, and creating respectful workplaces. Professional women in STEM, and managers interested in their progress, will quickly recognize the context of many of the information bytes and see the application in their own workplaces. ...” – Publisher's Website



Six Sigma : a complete step-by-step guide : a complete training & reference guide for white belts, yellow belts, green belts, and black belts.

Hennepin Technical Library EPC TS156.8 .C68 2018

“Used by educational institutions and companies worldwide as the foundation for their training programs, the Council for Six Sigma Certification's Six Sigma Certification handbook is the #1 choice for individual training, regardless of previous experience. Our easy-to-use guide is no only an excellent desktop reference material for practicing professionals, but it is a vital resource for those wishing to obtain any level of Six Sigma or learn Six Sigma certification.” – Back cover

Emergency and Public Service:**EMS, Environmental Health & Safety, Fire Protection, Law Enforcement, Public Works****Abetting batterers : what police, prosecutors, and courts aren't doing to protect America's women / Andrew R. Klein and Jessica L. Klein.**

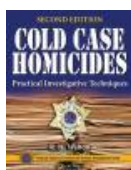
Hennepin Technical Library BPC HV6626.2 .K5947 2016

"Abetting Batters reveals the troubling pattern of inattention and incompetence that compromises the safety of women and encourages their male abusers to continue their abuse and violence. ...The authors unveil what is working in regard to protecting victims of domestic violence and holding their abusers accountable, and they suggest strategies for ensuring that what is being done right can be replicated and become the law and practice across the nation. ...This book proves to be invaluable in understanding what is and is not being done in the reality of domestic violence in America."-- Provided by publisher.

**Building construction related to the fire service.**

Hennepin Technical Library EPC TH145 .B82 2016

"...A thorough understanding of building construction enables fire department personnel to make better and safer decisions to protect people and property. This textbook is designed to meet the objectives identified in the model course outline for Building Construction for Fire Protection as established by the Fire and Emergency Services Higher Education (FESHE) initiative of the United States Fire Administration (USFA). Although this text is not based on an NFPA® standard, it includes content related to requisite knowledge from NFPA® 1001, 1006, 1021, and 1031."--Publisher's Website

**Cold case homicides : practical investigative techniques / [edited by] R. H. Walton.**

Hennepin Technical Library BPC HV8073 .W345 2017

This book, now in its second edition, is the first and most exhaustive text covering the still growing popularity of cold case investigations which locate perpetrators and free the innocent. The new edition adds approximately 80 pages of content, including material on clandestine graves and investigating cold gang cases. The book merges theory with practice through the use of case histories, photographs, illustrations and checklists that convey essential, fundamental concepts while providing a strong, practical basis for the investigative process.

**Complete crime scene investigation handbook / Everett Baxter, Jr.**

Hennepin Technical Library BPC HV8073 .B39 2015

"Crime scene investigators are the foundation for every criminal investigation. The admissibility and persuasiveness of evidence in court, and in turn, the success of a case, is largely dependent upon the evidence being properly collected, recorded, and handled for future analysis by investigators and forensic analysts in the lab. Complete Crime Scene Investigation Handbook is the most complete, one-stop practical reference for law enforcement and crime scene professionals as well as students looking to enter the field. The book provides step-by-step methods and best practice protocols for effectively finding, recognizing, recording, collecting, preserving, handling, and packaging evidence. ..." -- Publisher's description

**Controlling risk in a dangerous world : 30 techniques for operating excellence : how to predict and prevent the next accident and improve performance and productivity in hazardous operations, business, and everyday life / Jim Wetherbee.**

Hennepin Technical Library EPC HV675 .W435 2017

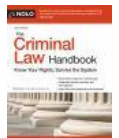
“How do operators prevent the next accident that is inevitably trying to kill them? How do they improve performance? Can they do both simultaneously? On the front lines of danger, operators face hazards and make life-and-death decisions in dynamic, complex situations. They are the last line of defense trying to prevent death and destruction. ...In *Controlling Risk*, you will learn how to operate better, work together, improve performance in your high-risk business, and accomplish much more in your dangerous world!”--Publisher's Website



Criminal justice and mental health : an overview for students / Jada Hector, David Khey.

Hennepin Technical Library BPC HV6133 .H43 2018

...This timely work covers the roles of each part of the criminal justice system interacting with mentally ill individuals, from law enforcement and first responders, social services, public health services, sentencing and corrections, to release and re-entry. It also covers the crucial topic of mental health for criminal justice professionals, who suffer from high rates of job stress, PTSD, and other mental health issues. The final section of the book includes suggestions for future research. This work will be of interest to students of criminology and criminal justice with an interest in working in the professional sector, as well as those in related fields of sociology, psychology, and public health. It will also be of interest to policy-makers and practitioners already working in the field. The overall goal of this work is to inform, educate, and inspire change.



The criminal law handbook : know your rights, survive the system / Paul Bergman, J.D. & Sara J. Berman, J.D.

Hennepin Technical Library BPC KF9619.85 .B47 2018

This book explains how the system works, why police, lawyers, and judges do what they do, and -- most important -- the options for suspects, defendants, and victims. It also provides critical information on working with a lawyer.



Dying for the job : police work exposure and health / edited by John M. Violanti ; with other

Hennepin Technical Library BPC HV7936.H4 .D95 2014

“When one thinks of police work, the immediate danger of this occupation comes to mind the everyday threat of violence, death, and witnessing traumatic events in their work. Less noted however is the physical and psychological danger associated with police work, including harmful environmental exposure, stress and trauma. Based on research, the adverse health and psychological consequences of this occupation far outweigh the dangers of the street. The primary purpose of this book is therefore to focus on these less known, less talked about dangers in policing. The mental well-being, health, and average life span of police officers appear to be affected by these factors. Hence, the title dying for the job reflects not so much the danger on the street but the hidden health dangers associated with policing. ...Both law enforcement practitioners and administrators alike will benefit from reading this book.” – Amazon.com



Emergency planning guide for utilities / Samuel Mullen.

Hennepin Technical Library EPC HD2763 .M958 2013

“An increase in major natural disasters—and the growing number of damaging events involving gas, electric, water, and other utilities—has led to heightened concerns about utility operations and public safety. Due to today's complex, compliance-based environment, utility managers and planners often find it difficult to plan for the action needed to help ensure organization-wide resilience and meet consumer expectations during these incidents. *Emergency Planning Guide for Utilities, Second Edition* offers a working guide that presents new and field-tested approaches to plan development, training, exercising, and emergency program management. ...” -- Publisher's Website



Fire and emergency services safety officer / Lynn Wojcik.

Hennepin Technical Library EPC TH9151 .I55 S893 2015

"IFSTA's Fire and Emergency Services Safety Officer, 2nd Edition meets the job performance requirements of NFPA® 1521, Standard for Fire Department Safety Officer Qualifications (2015). The new standard has been updated to include job performance requirements. The 2nd edition provides the reader with everything he or she needs to meet those requirements for both health safety officers (HSOs) and incident safety officers (ISOs). The manual is divided according to discipline: Chapters 1-12 are for HSOs, Chapters 13-16 for ISOs. Chapters 2-16 all include learning activities designed to guide the reader through a practice exercise covering that chapter's content. Each chapter also opens with a case history that illustrates a real world example of that chapter's information in application. Finally, most chapters include end notes that guide the reader toward research that was used to develop portions of each chapter."--Publisher's Website



Fire protection, detection, and suppression systems / Cindy Brakhage, Project Manager/Senior

Hennepin Technical Library EPC TH9445.P8 I54 2016

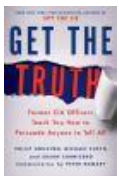
"The purpose of Fire Protection, Detection and Suppression Systems, Fifth Edition, is to familiarize fire service members and other interested personnel with the components, design, maintenance, operation, testing, and inspection of common fire protection, detection, and suppression systems. ... The scope of this manual is to provide up-to-date information on fire protection, detection, and suppression systems. The manual is written based upon the current course objectives, outcomes, and outline for the associate's level course Fire Protection Systems as described in the Fire and Emergency Services for Higher Education (FESHE) core curriculum."--Publisher's Website



Firefighter exams / Ronald R. Spadafora.

Hennepin Technical Library EPC TH9157 .S63 2018

"... We will help you excel on the Firefighter Exam with: 6 full-length practice tests based on Firefighter Exams given throughout the United States; 4 mini-courses in Mathematics, Fire Science, Principles of Mechanics, and Emergency Medical Care; a thorough review of Reading Comprehension, Tool Usage, Memorization and Visualization, Hydraulics, and Problem Sensitivity; expert advice for the Psychological Tests and Oral Interviews; training tips for the Candidate Physical Ability Test; insider information on fire department careers nationwide; unique test-taking strategies to help you avoid the test maker's traps; invaluable shortcuts to help you save time and minimize mistakes. FDNY Chief Ronald R. Spadafora is uniquely qualified to lead you through every step of the recruiting process. He has written this all-in-one resource to give you the most essential information on firefighting testing and employment. – Amazon.com



Get the truth : former CIA officers teach you how to persuade anyone to tell all / Philip Houston, Michael Floyd, and Susan Carnicero ; commentary by Peter Romary.

Hennepin Technical Library BPC BF637.P4 .H68 2015

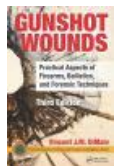
"... As former CIA agents and bestselling authors of *Spy the Lie*, Philip Houston, Mike Floyd, and Susan Carnicero are among the world's best at recognizing deceptive behavior and eliciting the truth from even the most accomplished liars. *Get the Truth* is a step-by-step guide that empowers readers to elicit the truth from others. It also chronicles the fascinating story of how the authors used a methodology Houston developed to elicit the truth in the counterterrorism and criminal investigation realms, and how these techniques can be applied to our daily lives. Using thrilling anecdotes from their careers in counterintelligence, and with easy-to-follow instructions, the authors provide a foolproof means of getting absolutely anybody to give an honest answer. *Get the Truth* is the easy and effective way to learn how to get the truth every time"-- Provided by publisher.



Grace under fire : skills to calm and de-escalate aggressive and mentally ill individuals : a comprehensive guidebook for health and social services agencies, and individual practitioners / Ellis Amdur.

Hennepin Technical Library BPC RC455.4.C65 A64 2011

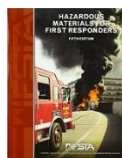
"Individuals suffering from psychiatric or substance use disorders sometimes display any one of a number of frightening behaviors: verbal outbursts, physical threats and even violence. In this comprehensive guidebook, Ellis Amdur walks professionals working in healthcare and social services settings through a multitude of steps they can take to keep themselves, their colleagues, and their clientele safe. Amdur covers a wide array of topics, intent on sharing his expertise with staff in executive, management, and front line positions alike."--Publisher's Website



Gunshot wounds : practical aspects of firearms, ballistics, and forensic techniques / Vincent J.M. DiMaio.

Hennepin Technical Library BPC RA1121 .D56 2016

"Written by the nation's foremost authority on gunshot wounds and forensic techniques as they relate to firearm injuries, this third edition of a bestseller provides critical updates to information on gunshot wounds and the weapons and ammunition used to inflict them ... The book describes practical aspects of ballistics, wound ballistics, and the classification of various wounds caused by handguns, rifles, and shotguns. It also explains autopsy techniques and procedures and laboratory analyses relating to weapons and gunshot evidence. A much-needed update after nearly 20 years, the third edition of Gunshot Wounds provides the latest and most thorough information on firearms and best practices for examining firearm-related wounds"--Back cover.



Hazardous materials for first responders / Alex Abrams, Leslie Miller, and Libby Snyder, Lead

Hennepin Technical Library EPC T55.3.H3 H45 2017

"Prepare to respond to hazardous materials and weapons of mass destruction (WMD) incidents. This new edition provides first responders with information to take appropriate initial actions at WMD incidents and hazardous materials spills or releases. The focus is detailed information about hazardous materials initial operations ..."



Hazardous materials monitoring and detection devices / Christopher Hawley.

Hennepin Technical Library EPC T55.3.H3 H377 2020

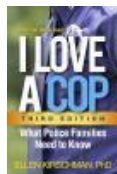
"...Hazardous Materials: Monitoring and Detection Devices, Third Edition covers the technology that runs monitoring devices, how monitoring devices work and, more importantly, when monitoring devices do not work. This critical knowledge will help keep responders as safe as possible." – Publisher's Website



Hazardous materials technician / Libby Snyder [and 3 others].

Hennepin Technical Library EPC T55.3 .H3 K93 2017

"...This is the only textbook, the only training manual, with content to meet the new NFPA 1072 Professional Qualification Standard and to prepare for certification exams. This manual follows the hazardous materials incident Analyzing, Planning, Implementing and Evaluating (APIE) model. ... Photos, tables, and graphics help students master important concepts. Key terms and definitions are highlighted, and Cautions and Warnings emphasize critical safety information. Most chapters include Case Studies, Information Boxes, and other additional text to illustrate important lessons learned at actual events." – Amazon.com



I love a cop : what police families need to know / Ellen Kirschman.

Hennepin Technical Library BPC HV7936.J63 K57 2018

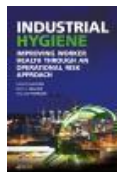
“...Trusted expert Ellen Kirschman gives you practical ways to manage the stress of the job and create a healthy, supportive home environment. The third edition features the latest information, new stories from police families, two new chapters, and fully updated resources. Dr. Kirschman acknowledges the tough realities of life on the force and offers frank, realistic suggestions for handling everyday relationship dilemmas as well as serious issues like trauma, domestic violence, and alcohol abuse. Whether you read this book cover to cover or reach for it when problems arise, you will find no-nonsense guidance to help your family thrive.” – Amazon.com



Increasing resilience in police and emergency personnel : strengthening your mental armor / Stephanie M. Conn.

Hennepin Technical Library BPC HV7936.J63 C66 2018

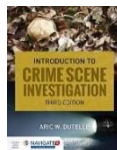
Table of Contents: Are police resilient? -- Critical police incidents : reactions and recovery -- Secondary traumatic stress : uncomplicated strategies for complex trauma -- Non-operational stressors : catching the sneaky resilience thief -- Building resilience : mental armor for police employees -- Help to be resilient.



Industrial hygiene : improving worker health through an operational risk approach / Frances Alston, Emily J. Millikin, Willie Piispanen.

Hennepin Technical Library EPC RC967 .P546 2018

“...Industrial Hygiene: Improving Worker Health through an Operational Risk Approach focuses on the implementation of Industrial Hygiene, using a risk-based approach, in an operational environment. The approaches and methods described in this book are designed to assist the Industrial Hygienist in managing workplace risks, including risks associated with anticipation, recognition, evaluation, and hazard control processes.”—Publisher’s Website



An introduction to crime scene investigation / Aric W. Dutelle.

Hennepin Technical Library BPC HV8073 .D875 2015

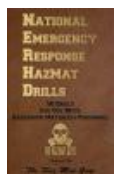
“In a world heavily influenced by popular forensic television dramas, the real-life duties and complexities involved in crime scene investigation are often misrepresented and misunderstood. An Introduction to Crime Scene Investigation, Third Edition is a comprehensive and accurate overview of the practical application of forensic science in crime scene investigation. Focusing on the day-to-day aspects, this full-color text describes the methodologies and technologies employed by crime scene personnel, and pushes the reader to identify the interrelated components of the investigative process. ...” -- Amazon.com



Investigative ethics : ethics for police detectives and criminal investigators / Seumas Miller

Hennepin Technical Library BPC HV7924 .P547 2014

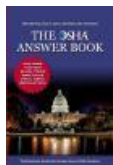
"Investigative Ethics: Ethics for Police Detectives and Criminal Investigators presents applied philosophical analyses of the ethical issues that arise for police detectives and other investigators in contemporary society. Explores ethical issues relating to investigative independence, rights of victims and suspects, use of informants, entrapment, privacy and surveillance, undercover operations, deception, and suspect interviewing ... "-- Provided by publisher.



National emergency response hazmat drills.

Hennepin Technical Library EPC T55.3.H3 N38 2018

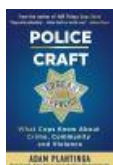
“A compilation of drills from across the United States for hazardous materials first responders.” – Amazon.com



The OSHA answer book / Mark McGuire Moran.

Hennepin Technical Library EPC TH443 .M67 2018

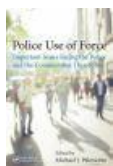
“...This book is written in plain easy-to-understand language with many compliance tips scattered throughout the book to help the reader understand the law. The author writes this book with lots of common sense, not government gobbledeygook. This new edition covers major changes to the OSHA Recordkeeping Standard, Hazard Communication Standard, Walking - Working Surfaces updated regulations covering silica and more. ...The OSHA Answer Book will help reduce workers comp costs; decrease accident rates; train your workforce; comply with all workplace regulations; and save an employee's life!”--Publisher's Website



Police craft : what cops know about crime, community and violence / Adam Plantinga.

Hennepin Technical Library BPC HV8139 .P53P65 2018

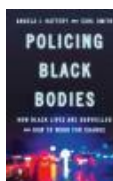
“...Not hesitating to confront controversial issues, Plantinga presents the police officer's views on police shootings, racial profiling, and relationships between police and the community—and offers reasoned proposals on what the police and the public can do better. Hard-boiled, humorous, and compassionate, Plantinga wrestles with the complexities and contradictions of a job he loves in which he witnesses so much suffering. Transcending today's strident pro-cop/anti-cop rhetoric, Police Craft will give every reader a greater respect for the police and greater understanding of the job they do.” – Amazon.com



Police use of force : important issues facing the police and the communities they serve / edited by Michael J. Palmiotto.

Hennepin Technical Library BPC HV8141 .P59353 2017

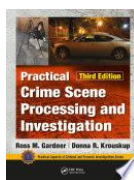
Police use of force has been a major concern for police departments and citizens in the United States since the 1840s when police started carrying guns. Dr. Palmiotto presents the most important issues facing the police and the communities they serve in encounters that turn violent. It starts with a thorough historical introduction, covers use of force, deadly force, non-lethal weapons, militarization of policing, racism and profiling, legal cases, psychology, perception and training, and prevention. Case studies of famous cases including Rodney King and the Ferguson shooting are presented.



Policing Black bodies : how Black lives are surveilled and how to work for change / Angela J. Hattery and Earl Smith.

Hennepin Technical Library BPC HV9950 .H395 2018

"Policing Black Bodies goes beyond chronicling isolated incidents of injustice to look at the broader systems of inequality in our society--how they're structured, how they harm Black people, and how we can work for positive change. The book discusses the school-to-prison pipeline, mass incarceration and the prison boom, the unique ways Black women and trans people are treated, wrongful convictions and the challenges of exoneration, and more. ...Policing Black Bodies is a powerful call to acknowledge injustice and work for change." -- Publisher's description



Practical crime scene processing and investigation / Ross M. Gardner and Donna Krouskup.

Hennepin Technical Library BPC HV8073 .G32 2019

“...Practice Crime Scene Processing and Investigation, Third Edition provides the essential tools for what crime scene investigators need to know, what they need to do, and how to do it. As professionals, any investigator's master is the truth and only the truth. Professional ethics demands an absolute adherence to this mandate. When investigators can effectively seek, collect, and preserve information and evidence from the crime scene to the justice system—doing so without any agenda beyond seeking the truth— not only are they carrying out the essential function and duty of their job, it also increases the likelihood that the ultimate goal of true justice will be served.” – Amazon.com



Shattering silences : strategies to prevent sexual assault, heal survivors, and bring assailants to justice / Christopher Johnston.

Hennepin Technical Library BPC HV6558 .J646 2018

“Every two minutes someone in the US is sexually assaulted, and each year there are nearly 300,000 victims of sexual assault. But victims are no longer silent, and new practices by police, prosecutors, nurses, and rape crisis professionals are resulting in more humane and compassionate treatment of victims and more aggressive pursuit and prosecution of perpetrators. Shattering Silences is the first book to cover these new approaches and partnerships. Christopher Johnston shows how the people and organizations implementing these new approaches are having far-reaching impacts on helping victims heal and making it more likely that predators will be arrested and sentenced. ...With sexual assault taking center stage these days, Shattering Silences is more important than ever.” – Amazon.com



Shots fired : the misunderstandings, misconceptions, and myths about police shootings / Joseph K. Loughlin and Kate Clark Flora.

Hennepin Technical Library BPC HV8141 .L68 2017

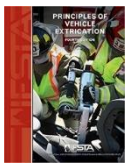
...Shots Fired is a journey "behind the shield" and the experiences of the real human beings behind the badge. It explores true events through the participants' own eyes and takes readers inside the minds of officers during the actual event. The officers detail the roller coaster of emotions and severe trauma experienced during and after a shooting event. Along with the intimate, in-depth explorations of the incidents themselves, the book touches the aftermath of police-involved shootings-the debriefings, internal and external investigations, and psychological evaluations. It challenges many commonly held assumptions created by the media such as the meaning of "unarmed" and why the police can't just "shoot him in the leg," creating an understanding that reaches beyond slogans such as "hands up, don't shoot". The book is valuable reading for anyone who wants a deeper understanding of police shootings-officers and police departments, reporters and politicians, and the public who rely on the police to keep them safe.



Structural fire fighting : initial response strategy and tactics / Alex Abrams, Lead Senior Editor.

Hennepin Technical Library EPC TH9310.5 .S87 2017

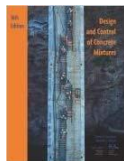
" ... The manual meets the requirements of the FESHE course outcomes for the Associates level course, "Strategies and Tactics." This manual also broadens the knowledge of the strategy and tactics JPR's in NFPA@1021, Standard for Fire Officer Professional Qualifications. The manual is the best choice for use in training agencies, college degree programs, and as a resource for firefighters and fire officers who serve as, or are training to be, incident commanders. Additional standards referenced in the manual include NFPA 920, 921, 400. Each of the last three (3) chapters include five (5) training scenarios that reflect real incidents that an incident commander will find when responding to a residential structure, a commercial structure fire and a structure fire with special hazards."



Vehicle extrication / Tony Peters, Veronica Smith, lead senior editors.

Hennepin Technical Library EPC RC88.9.T7 G66 2017

“This all NEW text meets NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 2017 Edition, Chapter 8, Vehicle Rescue. This all new edition provides rescue personnel with techniques, skills and equipment available for the safe and effective extrication of victims trapped in vehicles and related machinery. New passenger vehicle technologies [including] fuel systems: electric, plug-in electric, extended range electric, hybrid, CNG, LPG, biofuel, ethanol, hydrogen; electrical systems: keyless entry, various batteries (traditional, lithium ion, and others); collision avoidance systems; [and] updated information for other vehicle systems. ...” Publisher’s Website



Design and control of concrete mixtures / Steven H. Kosmatka, Michelle L. Wilson.

Hennepin Technical Library EPC TA439 .K64 2016

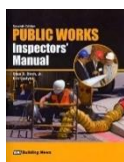
"Design and Control of Concrete Mixtures is the definitive resource on concrete technology, backed by a 100-year history of PCA research. The 16th edition provides a wealth of new information, including chapters on concrete pavements and structures, and the latest information on standards, specifications, and test methods of ASTM International (ASTM), the American Association of State Highway and Transportation Officials (AASHTO), and the American Concrete Institute (ACI). The 2016 edition is released in conjunction with PCA's Centennial Celebration. Design and Control of Concrete Mixtures has become a must-have resource for professionals and students across the spectrum of the building industry." – Publisher's Website



Fundamentals of fire protection for the safety professional / Dr. Lon H. Ferguson, Dr. Christopher A. Janicak.

Hennepin Technical Library EPC TH9146 .F47 2015

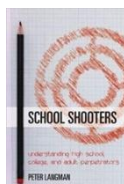
"...Fundamentals of Fire Protection for the Safety Professional takes an in-depth look at fire hazards in the workplace—from the substances required to do business to the building construction itself—and provides practical fire safety principles that can be applied in any work environment. Readers will learn how to develop emergency action plans and fire prevention plans, implement effective alarm and detection systems and fire extinguishment systems, and develop a comprehensive fire program management plan that is in compliance with Federal Emergency Management Agency, Occupational Safety and Health Administration, Environmental Protection Agency, and National Fire Protection Association standards. ..." – Amazon.com



Public works inspectors' manual / Silas B. Birch, Jr., Erik Updyke.

Hennepin Technical Library BPC TA153 .B57 2008

"A complete operational technical guidebook for professionals charged with the responsibilities of inspecting all types of public works construction for city, county, state and federal agencies. This comprehensive Manual has become the standard reference for public works professionals across the nation for over 50 years. It clearly spells out, in-step-by-step detail, testing procedures and inspection guidelines for virtually every type of work and material - from asphalt and aggregates, to pipe and prestressed concrete. More importantly, the richly illustrated Public Works Inspector's Manual shows you how to read and understand the contract documents; ensure that required safety procedures are enforced; minimize the cost of claims and disputes; maintain accurate and complete records; [and] prepare thorough, well-documented reports The most comprehensive and authoritative text on public works inspection ever written and published. Of considerable value not only to inspection personnel, but also to contractors, engineers, architects and students."--Publisher's Website



School shooters : understanding high school, college, and adult perpetrators / Peter Langman.

Hennepin Technical Library EPC LB3013.3 .L357 2017

School shootings scare everyone, even those not immediately affected. They make national and international news. They make parents afraid to send their children off to school. But they also lead to generalizations about those who perpetrate them. Most assumptions about the perpetrators are wrong, and many of the warning signs are missed until it's too late. Here, Peter Langman takes a look at 48 national and international cases of school shootings in order to dispel the myths, explore the motives, and expose the many factors that drive people to rampage attacks. Finally, he addresses violence prevention and the importance of identifying at-risk individuals before it is too late.



Street design : the secret to great cities and towns / John Massengale and Victor Dover.

Hennepin Technical Library BPC TE279 .M35 2014

“Written by two accomplished architects and urban designers, this user-friendly street design manual shows both how to design new streets and enhance existing ones. It offers step-by-step instruction and shares examples of excellent streets, examining the elements that make them successful as well as how they were designed and created. Topics also include strategies for shaping space in the public right-of-way through correct building height to street width ratios, terminated vistas, landscaping, and street geometry. This book is a valuable resource for urban designers, planners, architects, and engineers.” – Amazon.com



Streets reconsidered : inclusive design for the public realm / Daniel Iacofano & Mukul Malhotra.

Hennepin Technical Library EPC HE148.I23 2019

"A fundamental rethinking of streets, pushing beyond current thinking to answer: What can streets offer communities if they are designed for living, along with driving? With case studies from around the world, design guidelines, and best practices, this book is for city planners, policymakers, urban designers, developers, architects and landscape architects--and everyone who shares a passion for great urban, human spaces."-- Back cover.



Urban street design guide / National Association of City Transportation Officials

Hennepin Technical Library EPC HE305 .N32 2013

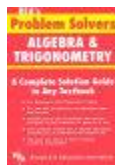
The NACTO Urban Street Design Guide shows how streets of every size can be reimaged and reoriented to prioritize safe driving and transit, biking, walking, and public activity. Unlike older, more conservative engineering manuals, this design guide emphasizes the core principle that urban streets are public places and have a larger role to play in communities than solely being conduits for traffic. The well-illustrated guide offers blueprints of street design from multiple perspectives, from the birds eye view to granular details. Case studies from around the country clearly show how to implement best practices, as well as provide guidance for customizing design applications to a city's unique needs. ...It is an exceptional resource for redesigning streets to serve the needs of 21st century cities, whose residents and visitors demand a variety of transportation options, safer streets, and vibrant community life. – Source other than Library of Congress.



What are you, F&#%'n stupid?!? : dysfunctional practices that kill your Safety Culture (and what to do about them) / Timothy D. Ludwig.

Hennepin Technical Library EPC T55 .L83 2018

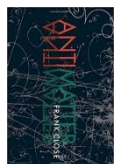
Our tendency is to blame workers and label their personal failings as the cause of safety errors. Labeling does not solve problems that cause error. It is an illusion of human perception leading us to false conclusions resulting in dysfunctional practices that hurt the safety of our workers and the effectiveness of the systems we put in place to protect them. Learn a better way to analyze the behaviors of your employees to understand how they were put in a position to take the risk in the first place.

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

The algebra & trigonometry problem solver : a complete solution guide to any textbook / staff of Research and Education Association.

Hennepin Technical Library EPC QA157 .A48 2006*

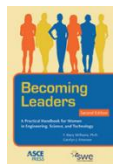
"This highly useful reference is the finest overview of algebra and trigonometry currently available, with hundreds of algebra and trigonometry problems that cover everything from algebraic laws and absolute values to quadratic equations and analytic geometry. Each problem is clearly solved with step-by-step detailed solutions." – Amazon.com



Antimatter / Frank Close

Hennepin Technical Library EPC QC173 .C52 2009*

"Of all the mind-bending discoveries of physics--quarks, black holes, strange attractors, curved space--the existence of antimatter is one of the most bizarre. It is also one of the most difficult, literally and figuratively, to grasp. Antimatter explores this strange mirror world, where particles have identical yet opposite properties to those that make up the familiar matter we encounter everyday, where left becomes right, positive becomes negative, and where--should matter and antimatter meet--the resulting flash of blinding energy would make even thermonuclear explosions look feeble by comparison. Antimatter is an idea long beloved of science-fiction writers--but here, renowned science writer Frank Close shows that the reality of antimatter is even more intriguing than the fiction. ..." – Amazon.com



Becoming leaders : a practical handbook for women in engineering, science, and technology / F. Mary Williams, Ph.D., Carolyn J. Emerson.

Hennepin Technical Library BPC T36 .W55 2019

Hennepin Technical Library EPC T36 .W55 2019

"Becoming Leaders: A Practical Handbook for Women in Engineering, Science, and Technology, Second Edition is intended for people interested in the advancement of their own careers or in the development of human resources in their organization. ...This second edition includes new information on implicit bias, other factors affecting leadership success, the impact of social media, management of diversity and inclusion initiatives, and creating respectful workplaces. Professional women in STEM, and managers interested in their progress, will quickly recognize the context of many of the information bytes and see the application in their own workplaces. ..." – Publisher's Website

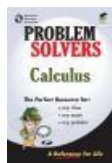


Brave, not perfect : fear less, fail more, and live bolder / Reshma Saujani.

Hennepin Technical Library BPC HQ1206 .S278 2019

Hennepin Technical Library EPC HQ1206 .S278 2019

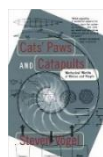
"...As women, we've been taught from an early age to play it safe. Well-meaning parents and teachers rewarded us for being quiet and polite, urged us to be careful so we don't get hurt, and steered us to activities at which we could shine. Meanwhile, boys were expected to speak up, get dirty, play rough, and climb to the top of the monkey bars. In short, boys are taught to be brave, while girls are taught to be perfect. As a result, we grow up to be women who are afraid to fail. So terrified of not doing everything perfectly, we tamp down our dreams and narrow our world, along with our opportunities for happiness. As too many of us eventually learn, being afraid to take risks, to use our voice to take a stand or ask for what we want, even to make mistakes, leads to a lot of disappointment and regret. But it doesn't have to be this way. In a book inspired by her hugely popular TED Talk, Reshma Saujani shows us how to end our love affair with perfection and rewire ourselves for bravery. ..."-- Provided by publisher.



Calculus / by the staff of Research & Education Association.

Hennepin Technical Library EPC QA303.3 .C29 2006 *

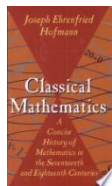
"Each Problem Solver is an insightful and essential study and solution guide chock-full of clear, concise problem-solving gems. All your questions can be found in one convenient source from one of the most trusted names in reference solution guides. More useful, more practical, and more informative, these study aids are the best review books and textbook companions available. Nothing remotely as comprehensive or as helpful exists in their subject anywhere. Perfect for undergraduate and graduate studies. Here in this highly useful reference is the finest overview of calculus currently available, with hundreds of calculus problems that cover everything from inequalities and absolute values to parametric equations and differentials. Each problem is clearly solved with step-by-step detailed solutions."--Publisher's website



Cats' paws and catapults : mechanical worlds of nature and people / Steven Vogel.

Hennepin Technical Library EPC QH513 .V64 1998*

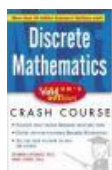
Nature and humans build their devices with the same earthly materials and use them in the same air and water, pulled by the same gravity. Why, then, do their designs diverge so sharply? Humans, for instance, love right angles, while nature's angles are rarely right and usually rounded. Our technology goes around on wheels—and on rotating pulleys, gears, shafts, and cams—yet in nature only the tiny propellers of bacteria spin as true wheels. Our hinges turn because hard parts slide around each other, whereas nature's hinges (a rabbit's ear, for example) more often swing by bending flexible materials. In this marvelously surprising, witty book, Steven Vogel compares these two mechanical worlds, introduces the reader to his field of biomechanics, and explains how the nexus of physical law, size, and convenience of construction determine the designs of both people and nature. "This elegant comparison of human and biological technology will forever change the way you look at each."—Michael LaBarbera, *American Scientist Illustrated* – Amazon.com



Classical mathematics : a concise history of mathematics in the seventeenth and eighteenth centuries / [translated from the German *Geschichte der Mathematik* by Henrietta O. Midonick].

Hennepin Technical Library EPC QA24 .H643 2003*

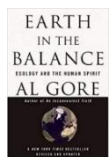
"A panoramic view of the development of the enduring principles and concepts of modern mathematics." – Amazon.com



Discrete mathematics : based on Schaum's outline of theory and problems of discrete mathematics, second edition / Seymour Lipschutz and Marc Lars Lipson.

Hennepin Technical Library EPC QA162 .D57 2003*

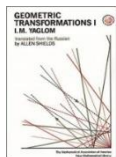
Get the essence of discrete mathematics the easy way with this helpful study guide. Includes plenty of illustrations, memory joggers, quick study tips, at-a-glance tables, and a student-friendly style.



Earth in the balance : ecology and the human spirit / Al Gore.

Hennepin Technical Library EPC GE170 .G67 2006*

"... First published in 1992, it helped place the environment on the national agenda; now, as environmental issues move front-and-center in the public consciousness, the time is right to reflect deeply on the fate of our planet and commit ourselves to its future. While *An Inconvenient Truth* closely examines one menace to our environment--global warming--*Earth in the Balance* takes a broader approach, focusing on the threats that everyday choices pose to our climate, water, soil, and diversity of plant and animal life. A passionate, lifelong defender of the environment, Gore describes in brave and unforgettable terms how human actions and decisions can endanger or safeguard the vulnerable ecosystem that sustains us." – Amazon.com



Geometric transformations I / I.M. Yaglom ; translated from the Russian by Allen Shields.

Hennepin Technical Library EPC QA601 .I313x 1962*

Almost everyone is acquainted with plane Euclidean geometry as it is usually taught in high school. This book introduces the reader to a completely different way of looking at familiar geometrical facts. It is concerned with transformations of the plane that do not alter the shapes and sizes of geometric figures. Such transformations play a fundamental role in the group theoretic approach to geometry. The treatment is direct and simple. The reader is introduced to new ideas and then is urged to solve problems using these ideas. The problems form an essential part of this book and the solutions are given in detail in the second half of the book. – Amazon.com



The grand contraption: the world as myth, number, and chance / David Park

Hennepin Technical Library EPC Q125 .P323 2005*

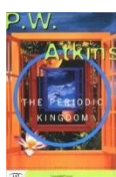
"The Grand Contraction tells the story of humanity's attempts through 4,000 years of written history to make sense of the world in its cosmic totality, to understand its physical nature, and to know its real and imagined inhabitants. No other book has provided as coherent, compelling, and learned a narrative on this subject of subjects. David Park takes us on an incredible journey that illuminates the multitude of elaborate 'contraptions' by which humans in the Western world have imagined the earth they inhabit--and what lies beyond. Intertwining history, religion, philosophy, literature, and the physical sciences, this eminently readable book is, ultimately, about the 'grand contraption' we've constructed through the ages in an effort to understand and identify with the universe. ..." – Amazon.com



Just six numbers : the deep forces that shape the universe / Martin Rees

Hennepin Technical Library EPC QB981 .R3423 2000*

"Just six numbers govern the shape, size, and texture of our universe. If their values were only fractionally different, we would not exist: nor, in many cases, would matter have had a chance to form. If the numbers that govern our universe were elegant--1, say, or pi, or the Golden Mean--we would simply shrug and say that the universe was an elegant mathematical puzzle. But the numbers Martin Rees discusses are far from tidy. Was the universe "tweaked" or is it one of many universes, all run by slightly different, but equally messy, rules? ...Rees demonstrates how the cosmos is full of 'fossils' from which we can deduce how our universe developed as surely as we infer the earth's past from the relics found in sedimentary rocks. Rees's theme is nothing less than the colossal richness of the universe. It is an ambitious book, but if anything, it deserves to be longer." – Simon Ings, Amazon.co.uk



The periodic kingdom : a journey into the land of the chemical elements / P.W. Atkins.

Hennepin Technical Library EPC QD466 .A845 1995*

"Just how does the periodic table help us make sense of the world around us? Using vivid imagery, ingenious analogies, and liberal doses of humor, P.W. Atkins answers this question. He shows us that the Periodic Kingdom is a systematic place. Detailing the geography, history, and governing institutions of this imaginary landscape, he demonstrates how physical similarities can point to deeper affinities, and how the location of an element can be used to predict its properties."

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



Grace under fire : skills to calm and de-escalate aggressive and mentally ill individuals : a comprehensive guidebook for health and social services agencies, and individual practitioners / Ellis Amdur.

Hennepin Technical Library BPC RC455.4.C65 A64 2011

"Individuals suffering from psychiatric or substance use disorders sometimes display any one of a number of frightening behaviors: verbal outbursts, physical threats and even violence. In this comprehensive guidebook, Ellis Amdur walks professionals working in healthcare and social services settings through a multitude of steps they can take to keep themselves, their colleagues, and their clientele safe. Amdur covers a wide array of topics, intent on sharing his expertise with staff in executive, management, and front line positions alike."--Publisher's Website



HESI A2 study guide 2019 & 2020 : HESI admission assessment exam review 2019-2020.

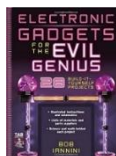
Hennepin Technical Library BPC RT55 .H43 2019

Hennepin Technical Library EPC RT55 .H43 2019

Content Notes: Introduction to the HESI Admission Assessment Exam -- Mathematics -- Reading comprehension -- Vocabulary -- Grammar -- Biology -- Chemistry -- Anatomy and physiology -- Physics.

Manufacturing & Engineering Technology:

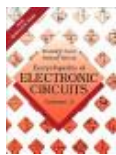
ARET, Electronics, Engineering CAD, Fluid Power, Industrial Building Engineering and Maintenance, Machine Tool Technology & Quality Assurance, Manufacturing Engineering, Plastics, Welding & Metal Fabrication



Electronic gadgets for the evil genius / Bob Iannini.

Hennepin Technical Library BPC TK9965 .I25 2004*

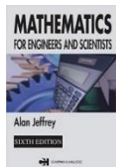
The do-it-yourself hobbyist market, particularly in the area of electronics, is hotter than ever. This book gives the "evil genius" loads of projects to delve into, from an ultrasonic microphone, to a body heat detector, and all the way to a Star Wars Light Saber. This book makes creating these devices fun, inexpensive, and easy.



The encyclopedia of electronic circuits / Rudolf F. Graf.

Hennepin Technical Library BPC TK7867 .G66 1985*

"Timely and practical circuits [from] the creative work of many people. Featured here are many circuits that appeared only briefly in some of our finer periodicals or limited-circulation publications. Also included are other useful and unique circuits from more readily available sources."--Introd., v. 1, p. vii.



Mathematics for engineers and scientists / Alan Jeffrey.

Hennepin Technical Library EPC QA37.3 .J44 2005*

"Since its original publication in 1969, Mathematics for Engineers and Scientists has built a solid foundation in mathematics for legions of undergraduate science and engineering students. It continues to do so, but as the influence of computers has grown and syllabi have evolved, once again the time has come for a new edition. Thoroughly revised to meet the needs of today's curricula, Mathematics for Engineers and Scientists, Sixth Edition covers all of the topics typically

introduced to first- or second-year engineering students, from number systems, functions, and vectors to series, differential equations, and numerical analysis. ..." -- Amazon.com



Metals and how to weld them / by T.B. Jefferson, and Gorham Woods.

Hennepin Technical Library BPC TK4660 .J39 1962*

"...This book describes the internal structure of metals and its relation to mechanical and physical properties and weld-ability. The first edition of this book sold 30,000 copies, and the reason for this acceptance is this practical manual discusses the various metals used by industry and tells what processes and procedures can be used to weld them. This dual purpose textbook and reference manual is written in non-technical language so high school seniors, welders, supervisors, engineers and educators will easily assimilate all data. Photos, diagrams and tables, 195 in all, back-up the text. Each of the 21 chapters concludes with a glossary of new terms used in each chapter, plus review questions on points worthy of extra note. ..." – Amazon.com



Transistors; a self-instructional programed manual / Federal Electric Corporation. Training Branch.; Kosow, Irving L., ed.

Hennepin Technical Library BPC TK7872.T73 F37 1962*

"... OUTSTANDING FEATURES: * Simple, clearly written, programed text-extremely easy to follow * Completely self-contained --- no extraneous reference material needed * Suitable for beginners as well as affording quick review for those with some knowledge of the subject * Adapted to individual reader's rate of learning * Thoroughly tested by more than 300 technicians and engineers * Special treatment of computer circuits using transistors and diodes." (from front and back flap) – Amazon.com



Stepping motors and their microprocessor controls / Takashi Kenjo and Akira Sugawara.

Hennepin Technical Library EPC TK2785 .K4 1994*

"... This thoroughly updated second edition of *Stepping Motors* offers a practical approach to the subject and relates the workings, design, and construction of these motors to underlying electromagnetic principles. The reader is taken through a brief history of stepping-motor development and is provided with expert treatments of the theory, terminology, control systems, and likely applications associated with the devices. The text is copiously illustrated with clear and helpful diagrams and contains much detailed information. It is the perfect introduction for students and professionals in electrical and electronic engineering." – Amazon.com

Transportation:

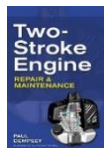
Auto Body Collision, Automotive Technology, Ford ASSET, Marine, Motorsport and Outdoor Power Equipment, Medium/Heavy Truck Technology



The Haynes small engine repair manual : 5.5 HP through 20 HP four-stroke engines / by Alan Ahlstrand and John H Haynes.

Hennepin Technical Library EPC TJ790 .A39 1998

Whether the reader has simple maintenance or a complete engine rebuild in mind, he or she can rest assured that there's a Haynes manual for just about every popular domestic and import car, truck; and motorcycle. By conducting complete tear-downs and rebuilds, the staff at Haynes Publishing has discovered all the problems owners will find when repairing or rebuilding their vehicles. By documenting each process with hundreds of illustrations and step-by-step instructions that show the exact order of assembly, Haynes manuals make every step easy to follow.



Two-stroke engine repair & maintenance / Paul Dempsey.

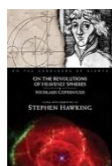
Hennepin Technical Library EPC TJ790 .D44825 2010

Do you spend more time trying to start your weed trimmer than you do enjoying your backyard? With this how-to guide, you can win the battle with the temperamental two-stroke engine.

Written by long-time mechanic and bestselling author Paul Dempsey, *Two-Stroke Engine Repair & Maintenance* shows you how to fix the engines that power garden equipment, construction tools, portable pumps, mopeds, generators, trolling motors, and more. Detailed drawings, schematics, and photographs along with step-by-step instructions make it easy to get the job done quickly. ... -- Amazon.com

General Non-Fiction:

Astronomy



On the revolutions of heavenly spheres / by Nicolaus Copernicus ; edited with commentary, by Stephen Hawking.

Hennepin Technical Library EPC QB41 .C7613 2002

On the Revolutions of the Heavenly Spheres is the seminal work on the heliocentric theory of the Renaissance astronomer Nicolaus Copernicus (1473–1543). The book, first printed in 1543 in Nuremberg, Holy Roman Empire, offered an alternative model of the universe to Ptolemy's geocentric system, which had been widely accepted since ancient times.

Biography, Autobiography, Memoir:



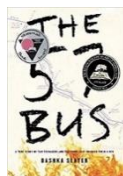
The masterworks of Van Gogh / Nathaniel Harris.

Hennepin Technical Library BPC ND653.G7 H36 1996

Content notes: Chapter One: The Pastor's Son -- Chapter Two: The Seeker -- Chapter Three: A Rage of Work -- Chapter Four: Nuenen and Antwerp -- Chapter Five: Painter in Paris --

Chapter Six: Friends and Rivals -- Chapter Seven -- The South -- Chapter Eight: Breakdown at Arles -- Chapter Nine: St Remy -- Chapter Ten: The Final Months.

Hate Crimes



The 57 bus / Dashka Slater.

Hennepin Technical Library EPC GV463 .C66 2004

"One teenager in a skirt. One teenager with a lighter. One moment that changes both of their lives forever. If it weren't for the 57 bus, Sasha and Richard never would have met. Both were high school students from Oakland, California, one of the most diverse cities in the country, but they inhabited different worlds. Sasha, a white teen, lived in the middle-class foothills and attended a small private school. Richard, a black teen, lived in the crime-plagued flatlands and attended a large public one. Each day, their paths overlapped for a mere eight minutes. But one afternoon on the bus ride home from school, a single reckless act left Sasha severely burned, and Richard charged with two hate crimes and facing life imprisonment. The case garnered international attention, thrusting both teenagers into the spotlight."-- Amazon.com.

DVD



Blackkkklansman / Focus Features and Legendary Pictures present
Hennepin Technical Library/BPC DVD PN1997.2 .B53 2018

"In the early 1970s, Ron Stallworth becomes the first African-American detective in the Colorado Springs Police Department. Determined to make a difference, he bravely sets out on a dangerous mission: infiltrate and expose the Ku Klux Klan. He recruits a seasoned colleague, Flip Zimmerman, into the undercover investigation. Together, they team up to take down the extremist organization aiming to garner mainstream appeal. BlackKkKlansman offers an unflinching, true-life examination of race relations in 1970s America that is just as relevant in today's tumultuous world." -- Container.

* Denotes Donated Item