

Free ebook Homeland security an introduction to principles and practice 2nd edition .pdf

Introduction to Security Introduction to Security Maritime Security Security 101 Security Studies Security Operations Environmental Security Introduction to Security Introduction to Security Critical Security Studies Security Homeland Security Homeland Security Private Security Introduction to Cyber Security Security Introduction to Hardware Security and Trust Introduction to Business and Industrial Security and Loss Control Homeland Security Introduction to Private Security Introduction to Computer Security Introduction to Computer Security Security Administration Introduction to Private Security International Security: A Very Short Introduction Introduction to Network & Cybersecurity Homeland Security An Introduction to Computer Security Critical Approaches to Security Security Operations Introduction to Network Security Introduction to Computer and Network Security Introduction to Cyber Security Introduction to Homeland Security, Second Edition A Practical Introduction to Security and Risk Management Introduction to Computer Security An Introduction to Non-Traditional Security Studies A Multidisciplinary Introduction to Information Security Security Management Introduction to Private Security

Introduction to Security 1998

this sixth edition of introduction to security upholds the book's tradition of informing readers of contemporary security issues from security equipment and procedures to management and loss prevention theory this new edition has been updated with the most current information available in the constantly changing security field introduction to security sixth edition introduces readers to the options used to deal with a variety of today's security dilemmas two important new chapters on workplace violence and drugs in the workplace have been added each chapter is followed up with essay and short answer questions to challenge readers this book continues to provide the most comprehensive coverage of security issues for the novice while providing enough detail that experienced security managers will learn about current issues and changes in the profession administration department at western illinois university where he administers a program with more than 1000 undergraduate and 150 graduate students he earned his ph d in education administration from southern illinois university in 1981 dr fischer has served as a consultant to many organizations including publishers private security firms and retailers and as a contract consultant on police training issues for the illinois local government police training board since 1989 dr fischer is a member of the academy of criminal justice sciences the illinois association of criminal justice educators and the american society for industrial security

Introduction to Security 2012-11-23

introduction to security has been the leading text on private security for over thirty years celebrated for its balanced and professional approach this new edition gives future security professionals a broad solid base that prepares them to serve in a variety of positions security is a diverse and rapidly growing field that is immune to outsourcing the author team as well as an outstanding group of subject matter experts combine their knowledge and experience with a full package of materials geared to experiential learning as a recommended title for security certifications and an information source for the military this is an essential reference for all security professionals this timely revision expands on key topics and adds new material on important issues in the 21st century environment such as the importance of communication skills the value of education internet related security risks changing business paradigms and brand protection new sections on terrorism and emerging security threats like cybercrime and piracy top industry professionals from aerospace and computer firms join instructors from large academic programs as co authors and contributors expanded ancillaries for both instructors and students including interactive web based video and case studies

Maritime Security 2016-03-19

maritime security 2e provides practical experience based and proven knowledge and a how to guide on maritime security mcnicholas explains in clear language how commercial seaports and vessels function what threats currently exist what security policies procedures systems and measures must be implemented to mitigate these threats and how to conduct ship and port security assessments and plans whether the problem is weapons of mass destruction or cargo theft maritime security provides invaluable guidance for the professionals who protect our shipping and ports new chapters focus on whole government maritime security un legal conventions and frameworks transnational crime and migration updates throughout will provide the latest information in increasingly important field provides an excellent introduction to issues facing this critical transportation channel three all new chapters and updated throughout to reflect changes in maritime security increased coverage of migration issues and transnational crime new contributors bring legal security and cybersecurity issues to the fore

Security 101 2023

the second edition of security 101 provide an academic based instructional text for beginning college and university security students the text is written for first or second year students who have yet to enroll in an academic security course the book discusses relevant theories and practices and offers topics for research and discussion questions combining both academic theories and current security industry challenges the content of the book provides general security concepts information and examples suitable for both community colleges and universities the book is divided into 14

chapters to coincide with a typical academic semester each chapter covers the basic academic building blocks needed to develop a solid foundation of knowledge and preparation for the study of advanced security concepts today in the united states the private security industry is the largest employer in the criminal justice system as the private security sector continues to protect lives and property the industry must focus to remember lessons from the past while adapting to the future with this in mind the following additions have been made to the second edition of this book updated governmental statistics additional analysis from noted industry professionals revised policies and practices from security industry and governmental sources current events and trends impacting the private security sector and a new chapter addressing the security industry s role in the ongoing battle against terrorism

Security Studies 2023-03-29

security studies an introduction 4th edition is the most comprehensive textbook available on the subject providing students with in depth coverage of traditional and critical approaches and an essential grounding in the debates frameworks and issues of the contemporary security agenda this new edition has been completely revised and updated to cover major developments such as covid 19 the rise of populism climate change china and russia s place in the world and the trump administration it also includes new chapters on great power rivalry emerging technologies and economic threats divided into four parts the text provides students with a detailed accessible overview of the major theoretical approaches key themes and most significant issues within security studies part 1 explores the main theoretical approaches from both traditional and critical standpoints part 2 explains the central concepts underpinning contemporary debates part 3 presents an overview of the institutional security architecture part 4 examines some of the key contemporary challenges to global security collecting these related strands into a single textbook creates a valuable teaching tool and a comprehensive accessible learning resource for undergraduates and ma students

Security Operations 2021

security operations an introduction to planning and conducting private security details for high risk areas second edition was written for one primary purpose to keep people alive by introducing them to private security detail tactics and techniques the book provides an understanding the basic concepts and rules that need to be followed in protective services including what comprises good security practice this second edition is fully updated to include new case scenarios threat vectors and new ambush ploys and attack tactics used by opportunistic predators and seasoned threat actors with ever advanced sophisticated schemes security has always been a necessity for conducting business operations in both low and high risk regardless of the threat level in the operating environment overseas those with new ideas or businesses can frequently be targets for both political and criminal threat agents intent on doing harm even in the united states people become targets because of positions held publicity politics economics or other issues that create unwanted attention to a person their family or business operations security operations second edition provides an introduction of what duties a security detail should perform and how to effectively carry out those duties the book can be used by a person traveling with a single bodyguard or someone being moved by a full security detail features include identifies what can pose a threat how to recognize threats and where threats are most likely to be encountered presents individuals and companies with the security and preparedness tools to protect themselves when operating in various environments especially high risk regions provides an understanding of operational security when in transit to vary route selection and keep destinations and movement plans out of the public view outlines the tools and techniques needed for people to become security conscious and situationally aware for their own safety and the safety of those close to them an equal help to those just entering the protection business or people and companies that are considering hiring a security detail security operations is a thorough detailed and responsible approach to this serious and often high risk field

Environmental Security 2014-02-03

this student friendly textbook offers a survey of the competing conceptions and applications of the increasingly prominent notion of environmental security the book is divided into three sections in the first the key theoretical and practical arguments for and against bringing together environmental and security issues are set out the book then goes on to present how and why environmental issues have come to be framed in some quarters as national security concerns in the context of the effects of overpopulation resource depletion climate change and the role of the

military as both a cause and a solution to problems of pollution and natural disasters finally the third section explores the case for treating the key issues of environmental change as matters of human security overall the book will provide a clear systematic and thorough overview of all dimensions of an area of great academic and real world political interest but one that has rarely been set out in an accessible textbook format hitherto this book will be essential reading for students of environmental studies critical and human security global governance development studies and in general

Introduction to Security *2017-01-12*

the updated fourth edition of introduction to security operations and management provides a single comprehensive text that balances introductory protection concepts with security management principles and practices it presents a global view of security along with the practical application of security principles unmatched coverage of management topics such as planning budgeting and dealing with decision makers make this an outstanding text for security management courses the accessible and concise writing style makes it a top choice for students while ortmeier s focus on career preparation makes this edition an excellent prep tool for the asis international certified protection professional cpp exam

Introduction to Security *2008-03*

introduction to security has been the leading introduction to private security for over 30 years celebrated for its balanced and professional approach to this increasingly important area now the 8th edition expands the key topics and adds material important in the 21st century environment the author team brings together top level professional experience in industry with years of teaching experience as a recommended title for security certifications it is a crucial resource for the 30 000 asis international members and is also used as a core security textbook in universities throughout the country this is butterworth heinemann s best selling security text of all time an essential reference for all security professionals significantly expanded chapters on computer issues cargo homeland security and terrorism new chapter on internal issues and controls covering crucial information on internal theft personnel policies and drugs and violence in the workplace more illustrations and photos to make learning easier

Critical Security Studies *2014-08-27*

critical security studies introduces students to the sub field through a detailed yet accessible survey of evolving approaches and key issues this new edition contains two new chapters and has been fully revised and updated written in an accessible and clear manner critical security studies offers a comprehensive and up to date introduction to critical security studies locates critical security studies within the broader context of social and political theory evaluates fundamental theoretical positions within critical security studies in application to key issues the book is divided into two main parts the first part approaches surveys the newly extended and contested theoretical terrain of critical security studies critical theory feminism and gender theory postcolonialism poststructuralism and securitization theory the second part issues then illustrates these various theoretical approaches against the backdrop of a diverse range of issues in contemporary security practices from environmental human and homeland security to border security technology and warfare and the war against terrorism this edition also includes new chapters on constructivist theories part i and health part ii the historical and geographical scope of the book is deliberately broad and readers are introduced to a number of key illustrative case studies each of the chapters in part ii concretely illustrate one or more of the approaches discussed in part i with clear internal referencing allowing the text to act as a holistic learning tool for students this book is essential reading for upper level students of critical security studies and an important resource for students of international global security political theory and international relations

Security *2016-04-19*

today threats to the security of an organization can come from a variety of sources from outside espionage to disgruntled employees and internet risks to utility failure reflecting the diverse and specialized nature of the security industry security an introduction provides an up to date treatment of a topic that has become increasingly comple

Homeland Security *2017*

since formed in 2002 dhs has been at the forefront of determining and furthering some of the most hotly debated security issues facing the u s and global community in the 21st century nearly 200 university programs with undergrad and graduate majors have cropped up in the last dozen plus years with limited resources available to teach from homeland security third edition will continue to serve as the core textbook covering the fundamental history formation oversight and reach of dhs currently the book is fully updated with new laws regulations and strategies across intelligence transportation sectors emergency management border security public utilities and public health

Homeland Security *2021-11*

this textbook written by experts in the field delivers a comprehensive systematic introduction to homeland security throughout the course of the book particular emphasis will be placed on three paradigm shifts in homeland security the new role of so called big data analytics for risk assessment in homeland security decision making emerging understandings of the homeland security enterprise a term used by practitioners to describe whole of government efforts to manage natural and man made threats and the growing recognition of how international affairs can influence and shape domestic security considerations

Private Security *2021-06-30*

there are few textbooks available that outline the foundation of security principles while reflecting the modern practices of private security as an industry private security an introduction to principles and practice takes a new approach to the subject of private sector security that will be welcome addition to the field the book focuses on the recent history of the industry and the growing dynamic between private sector security and public safety and law enforcement coverage will include history and security theory but emphasis is on current practice reflecting the technology driven fast paced global security environment such topics covered include a history of the security industry security law risk management physical security human resources and personnel investigations institutional and industry specific security crisis and emergency planning critical infrastructure protection it and computer security and more rather than being reduced to single chapter coverage homeland security and terrorism concepts are referenced throughout the book as appropriate currently it vital that private security entities work with public sector authorities seamlessly at the state and federal levels to share information and understand emerging risks and threats this modern era of security requires an ongoing holistic focus on the impact and implications of global terror incidents as such the book s coverage of topics consciously takes this approach throughout highlights include details the myriad changes in security principles and the practice of private security particularly since 9 11 focuses on both foundational theory but also examines current best practices providing sample forms documents job descriptions and functions that security professionals must understand to perform and succeed outlines the distinct but growing roles of private sector security companies versus the expansion of federal and state law enforcement security responsibilities includes key terms learning objectives end of chapter questions exercises and numerous references throughout the book to enhance student learning presents the full range of career options available for those looking entering the field of private security includes nearly 400 full color figures illustrations and photographs private security an introduction to principles and practice provides the most comprehensive up to date coverage of modern security issues and practices on the market professors will appreciate the new fresh approach while students get the most bang for their buck insofar as the real world knowledge and tools needed to tackle their career in the ever growing field of private industry security an instructor s manual

with exam questions lesson plans and chapter powerpoint r slides are available upon qualified course adoption

Introduction to Cyber Security 2021-02-28

introduction to cyber security is a handy guide to the world of cyber security it can serve as a reference manual for those working in the cyber security domain the book takes a dip in history to talk about the very first computer virus and at the same time discusses in detail about the latest cyber threats there are around four chapters covering all the cyber security technologies used across the globe the book throws light on the cyber security landscape and the methods used by cybercriminals starting with the history of the internet the book takes the reader through an interesting account of the internet in india the birth of computer viruses and how the internet evolved over time the book also provides an insight into the various techniques used by cyber security professionals to defend against the common cyberattacks launched by cybercriminals the readers will also get to know about the latest technologies that can be used by individuals to safeguard themselves from any cyberattacks such as phishing scams social engineering online frauds etc the book will be helpful for those planning to make a career in the cyber security domain it can serve as a guide to prepare for the interviews exams and campus work

Security 2014-12-12

this major new text provides an accessible yet intellectually rigorous introduction to contemporary security studies it focuses on eight fundamental debates relating to international security integrating a wide range of empirical issues and theoretical approaches within its critical interrogation of these an accessible yet intellectually rigorous overview of contemporary security studies serving as the perfect introduction to the latest research on security discourses threats and technologies

Introduction to Hardware Security and Trust 2011-09-22

this book provides the foundations for understanding hardware security and trust which have become major concerns for national security over the past decade coverage includes security and trust issues in all types of electronic devices and systems such as asics cots fpgas microprocessors dsps and embedded systems this serves as an invaluable reference to the state of the art research that is of critical significance to the security of and trust in modern society s microelectronic supported infrastructures

Introduction to Business and Industrial Security and Loss Control 2008

this book presents a treatise on the topic of business and industrial security and loss control as it applies to the protection of assets and personnel the material in this thoroughly revised and updated second edition will enable law enforcement officers security loss control personnel and business managers to view security loss control needs from a broad perspective and thus devise security measures that will reflect a well thought out systems approach the book contains a wide range of information and is presented in terms that will be meaningful to readers that do not have formal training or experience in the field of security and loss control the information is of a practical nature which if applied in a variation that is consistent with specific needs will tailor a program that will result in a well understood balanced systems approach through further understanding the effectiveness of police and security personnel is enhanced as they perform crime prevention duties and assist local businesses in upgrading security measures replete with numerous illustrations and tables the author provides a security loss control survey for businesses plus an overview of security for both businesses and industries specialized chapters on executive protection fire dynamics and hazardous materials security cameras loss control surveys loss control manager participation and managerial leadership are included this book will help the officer fine tune investigative techniques when a crime such as a burglary has been committed at a business

Homeland Security 2021-10

this textbook will deliver a comprehensive systematic introduction to homeland security today including its conceptual foundations legal underpinnings historical evolution constituent federal agencies emerging technologies and linkages to businesses non profits civic groups and individual citizens throughout the course of the book particular emphasis will be placed on three paradigm shifts in homeland security the new role of so called big data analytics for risk assessment in homeland security decision making emerging understandings of the homeland security enterprise a term used by practitioners to describe whole of government efforts to manage natural and man made threats and the growing recognition of how international affairs can influence and shape domestic security considerations the authors are all experts in homeland security and have published widely on the subject in addition the authors bring to bear on this project a compelling blend of academic and practitioner experience that will help this book to stand out among its competitors in the marketplace two of the authors busch and givens co authored the 2014 book the business of counterterrorism public private partnerships in homeland security alan bers in has worked at the highest levels of the federal government most recently as assistant secretary of international affairs and chief diplomatic officer at the ohs and previously as commissioner of u s customs and border protection their combined expertise means that this project will benefit from both a rigorous scholarly approach and a compelling first hand view of the federal government s inner workings from a former senior leader in the ohs this project can be distinguished from other comparable textbooks including those that focus upon specific sub fields of homeland security some of these books offer introductions to homeland security but include little in the way of unifying themes or trends transcending the sub fields of homeland security other books address specific problems in homeland security such as terrorism or emergency management and use these problems as starting points for broader discussions of government organizations involved in homeland security

Introduction to Private Security 2021-05

introduction to computer security draws upon bishop s widely praised computer security art and science without the highly complex and mathematical coverage that most undergraduate students would find difficult or unnecessary the result the field s most concise accessible and useful introduction matt bishop thoroughly introduces fundamental techniques and principles for modeling and analyzing security readers learn how to express security requirements translate requirements into policies implement mechanisms that enforce policy and ensure that policies are effective along the way the author explains how failures may be exploited by attackers and how attacks may be discovered understood and countered supplements available including slides and solutions

Introduction to Computer Security 2005

this books is an introduction to general principles of computer security and its applications subjects a o cyberattacks worms password crackers keystroke loggers dos attacks dns cache poisoning port scanning spoofing and phishing the reader is assumed to have knowledge of high level programming languages such as c c python or java help with exercises are available via securitybook net

Introduction to Computer Security 2010-12

for courses in introduction to private security this one semester text discusses all aspects of private security from recruiting selecting and training security personnel to testifying in court designed to help address the need for more in depth education and increased licensing demands the book presents topics using independent chapters that deliver a complete picture of the field action boxes appear throughout the text and feature down to earth examples margin definitions class exercises and review questions are included to improve student learning and encourage class participation

Security Administration 1991

an accessible succinct introduction to the complicated issues surrounding today's international security considers such factors as climate change migration poverty health and international terrorism while exploring the nature of key debates as reflected by a broad range of international examples original

Introduction to Private Security 2008-12-31

the network is no more trustworthy if it is not secure so this book is taking an integrated approach for network security as well as cybersecurity it is also presenting diagrams and figures so any reader can easily understand complex algorithm design and its related issues towards modern aspects of networking this handbook can be used by any teacher and student as a wealth of examples in brief and illustration of it in very elective way to connect the principles of networks and networking protocols with relevant of cybersecurity issues the book is having 8 chapters with graphics as well as tables and most attractive part of book is mcq as well as important topic questions at the end of book apart from this book also provides summary of all chapters at the end of the book which is helpful to any individual to know what book enclosed this book also gives survey topics which can be given to graduate students for research study it is very interesting study to survey of various attacks and threats of day to day life of cyber access and how to prevent them with security

International Security: A Very Short Introduction 2013-10-24

this book provides a basic overview for of homeland security including the creation of homeland security the homeland security transformation homeland security strategies and initiatives and legal issues related to homeland security chapters supplemented by tables figures boxed inserts related websites and photos appendices include selected commission recommendations 9 11 hijackers organizational charts and mission statements of selected agencies

Introduction to Network & Cybersecurity 2015-10-26

covers elements of computer security roles and responsibilities common threats computer security policy computer security program and risk management security and planning in the computer system life cycle assurance personnel user issues preparing for contingencies and disasters computer security incident handling awareness training and education physical and environmental security identification and authentication logical access control audit trails cryptography and assessing and mitigating the risks to a hypothetical computer system

Homeland Security 2006

focusing on critical approaches to security this new textbook offers readers both an overview of the key theoretical perspectives and a variety of methodological techniques with a careful explication of core concepts in each chapter and an introduction that traces the development of critical approaches to security this textbook will encourage all those who engage with it to develop a curiosity about the study and practices of security politics challenging the assumptions of conventional theories and approaches unsettling that which was previously taken for granted these are among the ways in which such a curiosity works through its attention to the fact that and the ways in which security matters in global politics this work will both pioneer new ways of studying security and acknowledge the noteworthy scholarship without which it could not have been thought this textbook will be essential reading to advanced undergraduate and postgraduate students of critical security studies and highly recommended to students of traditional security studies international relations and politics

An Introduction to Computer Security 1995

security operations an introduction to planning and conducting private security details for high risk areas second edition was written for one primary purpose to keep people alive by introducing them to private security detail tactics and techniques the book provides an understanding of the basic concepts and rules that need to be followed in protective services including what comprises good security practice this second edition is fully updated to include new case scenarios threat vectors and new ambush ploys and attack tactics used by opportunistic predators and seasoned threat actors with ever advanced sophisticated schemes security has always been a necessity for conducting business operations in both low and high risk situations regardless of the threat level in the operating environment overseas those with new ideas or businesses can frequently be targets for both political and criminal threat agents intent on doing harm even in the united states people become targets because of positions held publicity politics economics or other issues that cause unwanted attention to a person their family or business operations security operations second edition provides an introduction to what duties a security detail should perform and how to effectively carry out those duties the book can be used by a person traveling with a single bodyguard or someone being moved by a full security detail features identifies what can pose a threat how to recognize threats and where threats are most likely to be encountered presents individuals and companies with the security and preparedness tools to protect themselves when operating in various environments especially in high risk regions provides an understanding of operational security when in transit to vary route selection and keep destinations and movement plans out of the public view outlines the tools and techniques needed for people to become security conscious and situationally aware for their own safety and the safety of those close to them an equal help to those just entering the protection business or people and companies that are considering hiring a security detail security operations is a thorough detailed and responsible approach to this serious and often high risk field robert h deatherage jr is a veteran special forces soldier and private security consultant with thirty years experience in military and private security operations his various writings on security topics cover security operations threat assessment risk management client relations surveillance detection counter surveillance operations foot and vehicle movements and building security blending solid operational theory with practical field experience

Critical Approaches to Security 2013

introductory textbook in the important area of network security for undergraduate and graduate students comprehensively covers fundamental concepts with newer topics such as electronic cash bit coin p2p sha 3 e voting and zigbee security fully updated to reflect new developments in network security introduces a chapter on cloud security a very popular and essential topic uses everyday examples that most computer users experience to illustrate important principles and mechanisms features a companion website with powerpoint slides for lectures and solution manuals to selected exercise problems available at cs.uml.edu/wang/netsec

Security Operations 2021-06-15

guides students in understanding the interactions between computing networking technologies and security issues taking an interactive learn by doing approach to teaching introduction to computer and network security navigating shades of gray gives you a clear course to teach the technical issues related to security unlike most computer security books which concentrate on software design and implementation cryptographic tools or networking issues this text also explores how the interactions between hardware software and users affect system security the book presents basic principles and concepts along with examples of current threats to illustrate how the principles can either enable or neutralize exploits students see the importance of these concepts in existing and future technologies in a challenging yet enjoyable way they learn about a variety of technical topics including current security exploits technical factors that enable attacks and economic and social factors that determine the security of future systems extensively classroom tested the material is structured around a set of challenging projects through staging exploits and choosing countermeasures to neutralize the attacks in the projects students learn how computer systems and networks operate how to reverse engineer processes how to use systems in ways that were never foreseen or supported by the original developers combining hands on work with technical overviews this text helps you integrate security analysis into your technical computing curriculum it will educate your students on security issues such as side channel attacks and deepen their understanding of how computers and networks work

Introduction to Network Security 2015-10-05

since the attacks of 9 11 billions of dollars and countless resources have been committed and expended in the attempt to make the nation more secure introduction to homeland security second edition is written by a team of homeland security and justice professionals on the cutting edge of the field the text is a comprehensive examination of current and future challenges and explores how the united states has chosen to confront these threats with both its military and civilian agencies topics include a history of homeland security in the united states the mission of the various agencies in the department of homeland security and department of defense the foundations of emergency management mitigation prevention preparedness response and recovery inter agency planning and cooperation and private partnership a survey of the most significant natural disasters and accidents explored through case studies international and domestic terrorism and threat groups the impact of transportation and border security issues and the violence occurring in the southwest globalization and the role of intelligence in homeland security future challenges in the field of homeland security each chapter begins with objectives and ends with a summary key terms and discussion questions ample references encourage further study and research the book is a premier text for criminal justice homeland security national security and intelligence programs in universities and an ideal reference for professionals as well as policy and research institutes

Introduction to Computer and Network Security 2013-08-19

a practical introduction to security and risk management is the first book to introduce the full spectrum of security and risks and their management author and field expert bruce newsome helps readers learn how to understand analyze assess control and generally manage security and risks from the personal to the operational they will develop the practical knowledge and skills they need including analytical skills basic mathematical methods for calculating risk in different ways and more artistic skills in making judgments and decisions about which risks to control and how to control them organized into 16 brief chapters the book shows readers how to analyze security and risk identify the sources of risk including hazards threats and contributors analyze exposure and vulnerability assess uncertainty and probability develop an organization s culture structure and processes congruent with better security and risk management choose different strategies for managing risks communicate and review and manage security in the key domains of operations logistics physical sites information communications cyberspace transport and personal levels

Introduction to Cyber Security 2020-07-02

introduction to computer security is appropriate for use in computer security courses that are taught at the undergraduate level and that have as their sole prerequisites an introductory computer science sequence it is also suitable for anyone interested in a very accessible introduction to computer security a computer security textbook for a new generation of it professionals unlike most other computer security textbooks available today introduction to computer security does not focus on the mathematical and computational foundations of security and it does not assume an extensive background in computer science instead it looks at the systems technology management and policy side of security and offers students fundamental security concepts and a working knowledge of threats and countermeasures with just enough background in computer science the result is a presentation of the material that is accessible to students of all levels teaching and learning experience this program will provide a better teaching and learning experience for you and your students it will help provide an accessible introduction to the general knowledge reader only basic prerequisite knowledge in computing is required to use this book teach general principles of computer security from an applied viewpoint as specific computer security topics are covered the material on computing fundamentals needed to understand these topics is supplied prepare students for careers in a variety of fields a practical introduction encourages students to think about security of software applications early engage students with creative hands on projects an excellent collection of programming projects stimulate the student s creativity by challenging them to either break security or protect a system against attacks enhance learning with instructor and student supplements resources are available to expand on the topics presented in the text

Introduction to Homeland Security, Second Edition 2013-12-18

with the end of the cold war threats to national security have become increasingly non military in nature issues such as climate change resource scarcity infectious diseases natural disasters irregular migration drug trafficking information security and transnational crime have come to the forefront this book provides a comprehensive introduction to non traditional security concepts it does so by covering contemporary security issues in depth bringing together chapters written by experts in each area guiding you towards additional material for your essays and exams through further reading lists giving detailed explanations of key concepts testing your understanding through end of chapter questions edited by a leading figure in the field this is an authoritative guide to the key concepts that you ll encounter throughout your non traditional and environmental security studies courses

A Practical Introduction to Security and Risk Management 2013-10-15

with most services and products now being offered through digital communications new challenges have emerged for information security specialists a multidisciplinary introduction to information security presents a range of topics on the security privacy and safety of information and communication technology it brings together methods in pure mathematics computer and telecommunication sciences and social sciences the book begins with the cryptographic algorithms of the advanced encryption standard aes and rivest shamir and adleman rsa it explains the mathematical reasoning behind public key cryptography and the properties of a cryptographic hash function before presenting the principles and examples of quantum cryptography the text also describes the use of cryptographic primitives in the communication process explains how a public key infrastructure can mitigate the problem of crypto key distribution and discusses the security problems of wireless network access after examining past and present protection mechanisms in the global mobile telecommunication system the book proposes a software engineering practice that prevents attacks and misuse of software it then presents an evaluation method for ensuring security requirements of products and systems covers methods and tools of digital forensics and computational forensics and describes risk assessment as part of the larger activity of risk management the final chapter focuses on information security from an organizational and people point of view as our ways of communicating and doing business continue to shift information security professionals must find answers to evolving issues offering a starting point for more advanced work in the field this volume addresses various security and privacy problems and solutions related to the latest information and communication technology

Introduction to Computer Security 2014-02-10

introduction to private security fifth edition provides a comprehensive accessible state of the art overview of private security its principles its legal authority its growing role in the criminal justice system and its impact on society newly updated with expanded coverage of important current issues such as it security terrorism homeland security and security management this best selling text has also been streamlined and redesigned with a more manageable appealing and flexible format hesss thoroughly engaging writing style and the clear compelling organization of the text help make even complex course material interesting and accessible while preparing you for success as a professional in a dynamic and exciting field

An Introduction to Non-Traditional Security Studies 2015-11-30

A Multidisciplinary Introduction to Information Security 2011-11-09

Security Management *1998-10*

Introduction to Private Security *1982-01-01*

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