

# SECURITY: An Introduction



**BY: PHILIP PURPURA**

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# SECTION I



## THE HISTORY AND PROFESSION OF SECURITY

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# CHAPTER I



## DEFINITION, ROLE, AND HISTORY OF SECURITY

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# CHAPTER I



- **Security Defined**
- **The Contexts of Security**
- **The Roles of Security**
  - Security Methodology
  - Security Strategies
  - The Role of Security is Pervasive and Global
- **The History of Security**
  - The Importance of History
  - Trends in the Historical Development of Security
  - Prehistoric Times and Early History
  - The Development of Security in the United States

# CHAPTER I



- Industry Formation
- Technological Impact
- Security Trade Associations

# CHAPTER 2



## SECURITY IN AN ENVIRONMENT OF THREATS, TERRORISM, AND ALL-HAZARDS

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# CHAPTER 2



- **Threats and Hazards**
- **Terrorism**
  - The Difficulty of Defining Terrorism
  - Terrorism: A History of Violence
  - Classifying Terrorist Groups
  - Conflicts in the Name of Religion
  - Causes of Terrorism
  - International Terrorism
  - Domestic Terrorism
  - Terrorist Attacks and Weapons

# CHAPTER 2



- **National Strategies**

- Federal Legislation for Counterterrorism and All-Hazards Protection
- Homeland Security
- Department of Homeland Security
- Federal Emergency Management Agency and All-Hazards Protection



# CHAPTER 3



## THE PROFESSION AND BUSINESS OF SECURITY

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# CHAPTER 3



- **The Business of Security**
  - Privatization
- **Professionalism and Security Associations**
  - International Foundation for Protection Officers
  - ASIS International
  - Security Industry Association
  - National Burglar & Fire Alarm Association
  - Additional Associations and Certifications
- **Ethics**

# CHAPTER 3



- **Regulation of the Security Industry**
- **Security Training**
  - Methodologies for Preparing Instructional Programs
  - Instructional Strategies
- **Higher Education**
  - The Benefits of College Education
- **Careers**

# SECTION II



## PROTECTING PEOPLE AND ASSETS

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# CHAPTER 4



## SECURITY METHODOLOGY

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# CHAPTER 4



- **Methodology Defined**
- **Security Business Proposals**
- **Security Master Plans**
- **Theories**
  - Security-Relevant Criminology
  - Ecological Theories of Crime
  - Defensible Space
  - Crime Prevention through Environmental Design
  - Broken-Windows Theory
  - Situational Crime Prevention

# CHAPTER 4



- Rational-Choice Theory
- Routine-Activity Theory
- Crime-Pattern Theory
- **Risk-Analysis Methodology**
  - General Security Risk-Assessment Guideline
  - Applying Security-Relevant Criminology to Risk Analyses
  - Quantitative versus Qualitative Methodologies
- **Metrics**
- **Practical Applications**
- **Research and Evaluation**

# CHAPTER 5



## SECURITY STRATEGIES

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# CHAPTER 5



- **Generic and Specific Security**
- **Generic Security**
- **Objectives of Security**
- **Security Layers and Redundancy**
- **Security Levels**
- **Security Maxims**
- **Force Multipliers**
- **Violence in the Workplace**
  - Theories of Violence
  - Strategies to Counter Violence in the Workplace

# CHAPTER 5



- **Theft in the Workplace**
  - Theories of Theft
  - Strategies to Counter Theft in the Workplace
- **Drugs in the Workplace**
  - Drug-Free Workplace Strategies

# CHAPTER 6



## PERSONNEL SECURITY

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# CHAPTER 6



- **The Insider Threat**

- Typologies of Insider Threats
- Psychology of the Insider
- The Challenges of Confronting Insider Threats
- Research Needs
- Strategies to Counter the Insider Threat

- **Preemployment Screening**

- Why is Preemployment Screening Important?
- Legal Guidelines for Preemployment Screening
- Preemployment Screening Methods

# CHAPTER 6



- **Motivating Personnel**
  - Theories of Motivation
  - Countering Complacency and Promoting Reliability and Excellence
- **Executive and Personnel Protection**
  - Strategies of Executive and Personnel Protection
  - The Web and Identity Theft

# CHAPTER 7



## PHYSICAL SECURITY

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# CHAPTER 7



- **Physical Security Defined**
- **Research Directions for Physical Security**
- **Challenges of Physical Security**
- **Challenges of Vulnerability Assessments**
- **Security Standards**
- **Information Technology and Physical Security**
- **Physical Security**
  - Perimeter Barriers
  - Blast Protection
  - Electronic Security Systems

# CHAPTER 7



- Electronic Entry-Control Systems
- Lock and Key Systems
- Doors
- Windows
- Lighting
- Closed-Circuit Television Systems
- Security Operations Center



# CHAPTER 8



## INFORMATION AND INFORMATION TECHNOLOGY SECURITY

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# CHAPTER 8



- **Information as an Asset**
- **Laws Protecting Proprietary Information**
- **Threats to Information Technology and Data**
  - Malware
  - Botnets
  - The Variety of Threats
  - Steganography
  - Voice over Internet Protocol and Cellular Phones
  - Cyber Warfare
- **Information Security**

# CHAPTER 8



- Standards and Guidelines
- Policies
- Classification Systems
- Destruction of Proprietary Information
- Tangible Assets
- Strategies of Information Security
- Technical Controls
- Communications Security
- Competitive Intelligence

# CHAPTER 9



## SECURITY LAW AND LIABILITIES

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# CHAPTER 9



- **The Development of Law**
  - Federalism
  - Law Defined
  - Theoretical Models of Law and Society
- **Criminal and Civil Law and Procedures**
  - Substantive Criminal Law
  - Procedural Criminal Law
  - Substantive Civil Law
  - Procedural Civil Law
- **Law of Arrest**

# CHAPTER 9



- **Weights of Evidence**
- **Search and Seizure: Public Police**
- **Search and Seizure: Private Security**

# CHAPTER 10



## INVESTIGATIONS

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- **Investigations**
- **Types and Guidelines of Investigations**
  - Fraud Investigations
  - Internal Theft Investigations
  - Shoplifting Investigations
  - Robbery Investigations
- **Techniques of Investigation**
  - Interviewing
  - Interrogations and Suspect Rights
  - Protecting the Crime Scene



# CHAPTER 10



- Sources of Information
- Surveillance
- Undercover Investigations
- Report Writing
- Testifying

- **Technology**
- **Forensic Science**

# SECTION III



## RISK AND ALL-HAZARDS PROTECTION

# CHAPTER II



## ENTERPRISE RISK MANAGEMENT AND RESILIENCE

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# CHAPTER II



- **Risk Management**
  - Risk Management in the Private Sector
  - Risk Management in the Public Sector
  - Comparing and Contrasting Private and Public Sector Risk Management
- **Enterprise Risk Management**
- **Enterprise Security Risk Management**
- **Risks**
  - Natural Disasters
  - Human-Made Events/Hazards

# CHAPTER II



- **Business Continuity and Enterprise Resilience**
  - Business Continuity
  - Enterprise Resilience
- **Emergency Management**
- **Life Safety**
- **Fire Protection**

# CHAPTER 12



## PROTECTION OF CRITICAL INFRASTRUCTURES AND KEY RESOURCES

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# CHAPTER 12



- **Protection Challenges**
- **Early Critical Infrastructure Protection**
- **National Infrastructure Protection Plan**
- **Assessing Vulnerability of Critical Infrastructures and Key Resources**
- **Critical Infrastructures and Key Resources**
  - Agriculture and Food Sector
  - Water Sector
  - Health-Care and Public Health Sector
  - Emergency Services Sector
  - Defense Industry Base Sector
  - Communications Sector

# CHAPTER 12



- Information Technology Sector
- Energy Sector
- Transportation Sector
- Banking and Finance Sector
- Chemical Industry Sector
- Postal and Shipping Sector
- Critical Manufacturing Sector
- National Monuments and Icons Sector
- Nuclear Sector
- Dams Sector
- Government Facilities Sector
- Commercial Facilities Sector



# SECTION IV



## THE FUTURE

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# CHAPTER 13



## TWENTY-FIRST CENTURY SECURITY

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# CHAPTER 13



- **Futures Studies**
- **Methodologies for Anticipating the Future**
  - Trend Analysis
  - Cyclical Pattern Analysis
  - Environmental Scanning
  - Cross-Impact Analysis
  - Delphi
  - Additional Methodologies
  - Evaluating Futures Research
- **Predictions from the World Future Society**

# CHAPTER 13



- **Predictions and Issues**
- **Technology**
  - Security Technology
  - Security Officers
  - Law Enforcement Technology