

# CYBER CRIME AND DIGITAL EVIDENCE: MATERIALS AND CASES

Thomas K. Clancy



LexisNexis

# CYBER CRIME AND DIGITAL EVIDENCE:

---

## *MATERIALS and CASES*

**Thomas K. Clancy**

Director and Research Professor

National Center for Justice and the Rule of Law

University of Mississippi School of Law



ISBN: 978-1-4224-9408-0

**Library of Congress Cataloging-in-Publication Data**

Clancy, Thomas K.

Cyber crime and digital evidence : materials and cases / Thomas K. Clancy.

p. cm.

Includes bibliographical references and index.

ISBN 978-1-4224-9408-0 (hardbound)

1. Electronic evidence--United States. 2. Evidence, Documentary--United States. 3. Electronic records--Law and legislation--United States. 4. Computer crimes--United States. I. Title.

KF8947.5.C58 2011

345.73'0268--dc23

2011033094

This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. It is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional services. If legal advice or other expert assistance is required, the services of a competent professional should be sought.

LexisNexis and the Knowledge Burst logo are registered trademarks and Michie is a trademark of Reed Elsevier Properties Inc., used under license. Matthew Bender and the Matthew Bender Flame Design are registered trademarks of Matthew Bender Properties Inc.

Copyright © 2011 Matthew Bender & Company, Inc., a member of the LexisNexis Group.  
All Rights Reserved.

No copyright is claimed in the text of statutes, regulations, and excerpts from court opinions quoted within this work. Permission to copy material exceeding fair use, 17 U.S.C. § 107, may be licensed for a fee of 25¢ per page per copy from the Copyright Clearance Center, 222 Rosewood Drive, Danvers, Mass. 01923, telephone (978) 750-8400.

**NOTE TO USERS**

To ensure that you are using the latest materials available in this area, please be sure to periodically check the LexisNexis Law School web site for downloadable updates and supplements at [www.lexisnexis.com/lawschool](http://www.lexisnexis.com/lawschool).

**Editorial Offices**

121 Chanlon Rd., New Providence, NJ 07974 (908) 464-6800  
201 Mission St., San Francisco, CA 94105-1831 (415) 908-3200  
[www.lexisnexis.com](http://www.lexisnexis.com)

**MATTHEW BENDER**

# PREFACE

---

This book is designed to be an accessible introduction to Cyber Crime and Digital Evidence. The title is consciously styled: *Cyber Crime and Digital Evidence: Materials and Cases*. The title illuminates two significant aspects of this book. First, cyber crime is only a subset of a much broader trend in the criminal area, which is the use of digital evidence in virtually all criminal cases. Hence, it is important to understand the legal framework that regulates obtaining that increasingly used and important evidence. Second, by listing “materials and cases” — in that order — the title signals that this book attempts to provide a broader framework than an endless stream of cases offers. Law students deserve the broader context and, hopefully, will get some of it with this book.

This book is the product of numerous influences, ranging from many years of teaching law students, studying the Fourth Amendment and cyber crime, and witnessing the explosion of the use of digital evidence in criminal cases. Most immediately, I thank those who provided comments and insights on various aspects of the book. Those individuals include Don Mason, Will Wilkins, and Priscilla Grantham. I received invaluable editorial assistance from Andrew Coffman. For the past decade, I have had the privilege of serving as Director of the National Center for Justice and the Rule of Law and Research Professor at the University of Mississippi School of Law, where I created and developed national programs on cyber crime and the Fourth Amendment. Through those programs, the Center offers educational opportunities to judges, prosecutors, and law enforcement on search and seizure, including in emerging areas such as computer searches and seizures, and on broad areas concerning cyber crime. The conferences, lectures, and associations developed at the Center have brought many of the best minds in the country to Oxford, Mississippi to examine the new trends in the criminal law involving new forms of criminal activity and new forms of evidence. The thousands of judges, assistant attorneys general, and other attendees of the Center’s events contributed many insights about actual litigation and law enforcement practices, as well as other challenges involved in adapting criminal law, procedure, and practice to the digital age. From each of those participants I have learned much and I deeply appreciate their contributions.

Thomas K. Clancy  
December 1, 2011

## *A NOTE ON EDITING*

---

The cases and materials in this book are extensively edited and most changes are done without acknowledgment of omissions of text or other material. Footnotes may be omitted or numbering changed. Capitalization and formatting are often changed based on omissions to the text. The reader should always consult the original source before citing or quoting material herein.

# TABLE OF CONTENTS

<b>Chapter 1</b>	<b>INTRODUCTION .....</b>	<b>1</b>
<b>Chapter 2</b>	<b>OBTAINING DIGITAL EVIDENCE: AN INTRODUCTION .....</b>	<b>7</b>
§ 2.1	ANALYTICAL STRUCTURE OF FOURTH AMENDMENT QUESTIONS .....	8
1.	Applicability .....	8
2.	Satisfaction .....	11
3.	Remedies .....	11
4.	Independent State Grounds .....	12
§ 2.2	INTRODUCTION TO THE STATUTORY FRAMEWORK .....	12
§ 2.3	A CASE STUDY: MAJOR STEPS IN A TYPICAL INTERNET INVESTIGATION .....	13
	<i>United States v. Steven C. Perrine</i> .....	13
	Notes .....	19
<b>Chapter 3</b>	<b>FOURTH AMENDMENT APPLICABILITY: “INSIDE THE BOX” .....</b>	<b>21</b>
§ 3.1	EXPECTATION OF PRIVACY ANALYSIS .....	21
1.	In General .....	21
2.	The Location of the Computer .....	21
3.	Data on Work Computers — Governmental Employer .....	22
4.	The Supreme Court Avoids the Issue .....	23
	Notes .....	29
5.	Emails on Work Computer .....	29
	<i>Robin Brown-Criscuolo v. Robert K. Wolfe</i> .....	29
	<i>State v. Eric M. Young</i> .....	32
	Notes .....	34
§ 3.2	PRIVATE SEARCHES AND SEIZURES .....	35
1.	In General .....	35
2.	Who is a Government Agent .....	35
3.	Replication and “Context” Issues: Defining the “Container” .....	37
	Questions and Comments .....	41
	<i>People v. Joseph Michael Wilkinson</i> .....	44
	Notes .....	47

---

## TABLE OF CONTENTS

<b>Chapter 4</b>	<b>COMPETING VIEWS OF THE NATURE OF DIGITAL EVIDENCE SEARCHES .....</b>	<b>49</b>
§ 4.1	INTRODUCTION .....	49
§ 4.2	PLAIN VIEW DOCTRINE .....	50
1.	Distinguishing Merely Looking .....	53
	<i>United States v. Artem Bautista David</i> .....	53
2.	“Immediately Apparent” .....	54
	<i>United States v. Devin C. Wilson</i> .....	54
	Notes .....	56
3.	Opening Closed Files: The Document Approach .....	57
	<i>United States v. Montgomery Johns Gray</i> .....	57
	Notes and Questions .....	60
4.	Opening Closed Files: The Special Approach .....	61
5.	Independent State Grounds: Inadherence and File Names .....	62
	<i>Larry R. Frasier, Jr. v. State</i> .....	62
	Questions .....	65
§ 4.3	DOCUMENT SEARCHES .....	65
1.	Data Are Forms of Records/Container Analogy .....	66
	<i>United States v. Curtis Robert Williams</i> .....	69
2.	Rejection of the Document Search and Container Analogy: A “Special Approach” .....	74
	<i>United States v. Michael Clay Payton</i> .....	76
	<i>People v. Robert Carratu</i> .....	81
	Notes and Questions .....	83
	Notes and Questions .....	87
	Notes and Questions .....	89
§ 4.4	LIMITATIONS BASED ON SEARCH EXECUTION PROCEDURES IN WARRANTS .....	89
1.	Supreme Court Opinions on Execution Procedures .....	89
2.	Search Protocols — Digital Evidence Cases .....	90
a.	Rejecting Protocol Requirement .....	90
	<i>United States v. Brent Ray Brooks</i> .....	90
b.	Taint Teams and Special Masters .....	91
	<i>Donald F. Manno v. Christopher J. Christie</i> .....	91
c.	The Special Approach .....	94
	<i>United States v. Comprehensive Drug Testing, Inc.</i> .....	94
	Notes .....	107

---

## **TABLE OF CONTENTS**

<b>Chapter 5</b>	<b>WARRANTS FOR DIGITAL EVIDENCE: PARTICULARITY CLAIMS AND BROAD SEIZURES .</b>	<b>109</b>
§ 5.1	IN GENERAL .....	109
§ 5.2	VARIETIES OF COMPUTER SEARCHES .....	109
1.	Searches for Computer Equipment .....	110
	<i>State v. Kenneth Stapleton</i> .....	111
	Notes .....	112
2.	Searches for Data .....	113
§ 5.3	GENERAL PRINCIPLES — PARTICULARITY .....	113
	<i>United States v. Loretta Otero</i> .....	113
	Notes .....	118
1.	Items to be Seized: The Container Approach .....	118
	<i>People v. Kelli Marie Balint</i> .....	118
2.	Items to be Seized: The Special Approach .....	121
§ 5.4	A WARRANT EXERCISE .....	121
<b>Chapter 6</b>	<b>SEARCH EXECUTION ISSUES .....</b>	<b>129</b>
§ 6.1	INTERMINGLED DOCUMENTS .....	129
§ 6.2	ON-SITE VS. OFF-SITE SEARCHES .....	130
§ 6.3	USE OF EXPERTS .....	134
§ 6.4	DELETED FILES .....	134
§ 6.5	TIME PERIODS FOR WARRANTS TO BE VALID .....	135
	<i>State v. Keith R. Nadeau</i> .....	138
	Notes .....	139
<b>Chapter 7</b>	<b>CONSENT SEARCHES; COMPELLING DISCLOSURE OF PASSWORDS .....</b>	<b>141</b>
§ 7.1	CONSENT — IN GENERAL .....	141
§ 7.2	CONSENT — SCOPE ISSUES .....	142
	<i>People v. Robert S. Prinzing</i> .....	142
	Notes .....	148
1.	Scope: Does consent to search include forensic exam? .....	148
	<i>United States v. Jonathan Luken</i> .....	148
2.	Cell Phones: Scope of Consent .....	150
	<i>Jermaine L. Smith v. State</i> .....	150
§ 7.3	THIRD PARTY CONSENT .....	151
1.	Passwords and Encryption .....	152
	<i>United States v. Ray Andrus</i> .....	153
	<i>United States v. Frank Gary Buckner</i> .....	159
	Notes .....	161

---

## TABLE OF CONTENTS

---

§ 7.4	FIFTH AMENDMENT PRIVILEGE: REQUIRING THE DISCLOSURE OF PASSWORDS, DECRYPTED FILES .....	161
	<i>In Re Grand Jury Subpoena To Sebastien Boucher</i> .....	162
	Notes .....	165
<b>Chapter 8</b>	<b>CELL PHONES, OTHER MOBILE DIGITAL DEVICES, AND TRADITIONAL FOURTH AMENDMENT DOCTRINE PERMITTING WARRANTLESS SEARCHES .....</b>	<b>167</b>
§ 8.1	SEARCH INCIDENT TO ARREST .....	167
1.	Basic Principles .....	167
2.	Permissible Objects Sought .....	168
3.	Cell Phone Searches Incident to Arrest .....	169
	<i>State v. Antwaun Smith</i> .....	169
4.	Location of the Search .....	173
	<i>People v. Gregory Diaz</i> .....	175
	Questions .....	177
5.	Scope: Areas Within the Arrestee's "Control" .....	178
6.	Scope: Vehicle Searches Incident to Arrest .....	179
	<i>Arizona v. Rodney Joseph Gant</i> .....	179
	Questions .....	181
§ 8.2	ADDITIONAL THEORIES TO JUSTIFY A SEARCH AND THE SCOPE OF A PERMISSIBLE SEARCH OF CELL PHONES: VIEWING IMAGES DISPLAYED, BROWSING, ANSWERING CALLS .....	182
	<i>State v. Jermichael James Carroll</i> .....	182
	Notes .....	187
<b>Chapter 9</b>	<b>SEIZURES OF DIGITAL EVIDENCE .....</b>	<b>189</b>
§ 9.1	INTANGIBLE PROPERTY AND DIGITAL EVIDENCE .....	189
§ 9.2	SEIZURES OF DIGITAL EVIDENCE .....	196
1.	<i>United States v. Howard Wesley Cotterman</i> .....	197
	Revocation of Consent After the Mirror Image is Made .....	198
	<i>United States v. Youssef Samir Megahed</i> .....	198
	Notes .....	199
2.	Digital Seizures: Seeking a Workable Definition .....	199
3.	Is There a Need for Special Rules for Digital Evidence? .....	200
	Notes and Questions .....	202
§ 9.3	THE REASONABLENESS OF WARRANTLESS SEIZURES OF DIGITAL DEVICES .....	204
1.	Warrantless Seizures .....	204
	<i>Commonwealth v. Charles Hinds, Jr.</i> .....	204
	<i>Commonwealth v. Harold Kaupp</i> .....	205

---

## **TABLE OF CONTENTS**

2.	Delays to Obtain a Warrant after a Warrantless Seizure .....	206
	<i>United States v. Peter J. Mitchell</i> .....	206
	<i>People v. Yoshiaki Shinohara</i> .....	209
	Notes .....	210
<b>Chapter 10</b>	<b>SEARCHES AT THE INTERNATIONAL BORDER . . . . .</b>	<b>213</b>
§ 10.1	OVERVIEW OF THE INTERNATIONAL BORDER DOCTRINE . . . . .	213
§ 10.2	LETTERS AS TARGETS .....	216
§ 10.3	DATA AS TARGETS .....	218
	<i>United States v. Michael Timothy Arnold</i> .....	219
	Notes and Questions .....	221
§ 10.4	DEFINING THE BORDER .....	222
<b>Chapter 11</b>	<b>FOURTH AMENDMENT APPLICABILITY TO NETWORKS AND THE INTERNET . . . . .</b>	<b>225</b>
§ 11.1	INTRODUCTION — “OUTSIDE THE BOX” .....	225
§ 11.2	VOLUNTARY EXPOSURE/ASSUMPTION OF RISK .....	225
1.	Peer-to-Peer Distribution Schemes .....	225
	<i>United States v. Charles A. Borowy</i> .....	226
	Notes .....	228
2.	Email Received and Chatroom Communications .....	229
	<i>Commonwealth v. Robert D. Proetto</i> .....	229
	Notes .....	231
	<i>People v. David Gariano</i> .....	231
	Notes .....	233
§ 11.3	INTERNET SURVEILLANCE: TYPES OF INFORMATION SOUGHT .....	233
1.	Background Principles .....	233
	<i>Michael Lee Smith v. State</i> .....	233
2.	Types of Information Available: Content vs. Non-Content .....	239
	<i>United States v. Mark Stephen Forrester</i> .....	246
3.	An Alternative View — Independent State Grounds .....	248
	<i>State v. Shirley Reid</i> .....	248
	Notes .....	253
§ 11.4	INFORMATION OBTAINED FROM THIRD PARTIES AND FROM THE CLOUD .....	253
	Notes and Questions .....	255
<b>Chapter 12</b>	<b>STATUTORY REGULATION OF OBTAINING DATA . . . . .</b>	<b>257</b>
§ 12.1	INTRODUCTION .....	257
§ 12.2	THE PEN/TRAP STATUTE, 18 U.S.C. §§ 3121-3127 .....	258

---

## TABLE OF CONTENTS

1.	Application for Internet Communications . . . . .	259
	<i>In the Matter of Application of the United States of America for an Order Authorizing the Installation and Use of a Pen Register and a Trap &amp; Trace Device on E-mail Account . . . . .</i>	259
2.	“Post-Cut-Through Dialed Digits” . . . . .	260
	<i>In the Matter of Applications of the United States of America for Orders (1) Authorizing the Use of Pen Registers and Trap and Trace Devices . . . . .</i>	260
3.	Content Related to Internet Activity . . . . .	261
	<i>In Re Application of the United States of America for an Order Authorizing the Use of a Pen Register and Trap On [xxx] Internet Service Account/user Name . . . . .</i>	261
4.	Remedies under the Pen Register Statute . . . . .	262
	<i>United States v. Mark Stephen Forrester . . . . .</i>	262
	Notes . . . . .	263
§ 12.3	THE WIRETAP STATUTE, 18 U.S.C. §§ 2510-22 . . . . .	264
1.	Definitions . . . . .	264
2.	Wiretap Orders 18 U.S.C. § 2518 . . . . .	266
	Notes . . . . .	267
3.	Remedies for Violations of the Wiretap Statute . . . . .	267
4.	Exceptions to the general prohibition against wiretapping include: . . . . .	268
§ 12.4	STORED COMMUNICATIONS ACT 18 U.S.C. §§ 2701-12 . . . . .	269
1.	Overview . . . . .	270
	<i>In the Matter of the Application of the United States of America for a Search Warrant for Contents of Electronic Mail and for an Order Directing a Provider of Electronic Communication Services to Not Disclose the Existence of the Search Warrant . . . . .</i>	270
2.	Framework to analyze the SCA . . . . .	272
	<i>Andersen Consulting LLP v. UOP and Bickel &amp; Brewer . . . . .</i>	273
	<i>Jerilyn Quon v. Arch Wireless Operating Co. . . . .</i>	275
	<i>George Theofel v. Alwyn Farey-Jones . . . . .</i>	279
	<i>Ernest Flagg v. City of Detroit . . . . .</i>	282
	<i>Michael Aaron Jayne v. Sprint PCS . . . . .</i>	289
3.	Compelling Disclosure § 2703 . . . . .	291
4.	SCA Process for Compelled Disclosure: Uncertain Status under the Fourth Amendment . . . . .	293
	<i>Steven Warshak v. United States . . . . .</i>	293
	<i>United States v. Steven Warshak . . . . .</i>	298
5.	Miscellaneous SCA Provisions . . . . .	304
	Notes . . . . .	305

---

## TABLE OF CONTENTS

<b>Chapter 13</b>	<b>OBScenity and Child Pornography . . . . .</b>	<b>307</b>
§ 13.1	OBScenity . . . . .	307
1.	The <i>Miller</i> Standard . . . . .	307
	<i>Marvin Miller v. California</i> . . . . .	307
2.	Community Standards . . . . .	310
	<i>United States v. Robert Alan Thomas</i> . . . . .	310
	<i>United States v. Jeffrey A. Kilbride</i> . . . . .	313
§ 13.2	EVOLUTION OF CHILD PORNOGRAPHY REGULATION AS A SEPARATE CATEGORY OF PROHIBITED SPEECH . . . . .	319
	<i>New York v. Paul Ira Ferber</i> . . . . .	321
1.	Possession of Child Pornography . . . . .	325
	<i>Clyde Osborne v. Ohio</i> . . . . .	325
2.	Virtual Child Pornography . . . . .	327
	<i>John D. Ashcroft v. The Free Speech Coalition</i> . . . . .	327
3.	Pandering . . . . .	336
	<i>United States v. Michael Williams</i> . . . . .	336
	Notes . . . . .	340
4.	Morphed Images . . . . .	340
	<i>United States v. Dale Robert Bach</i> . . . . .	340
	Notes . . . . .	342
5.	Obscene Cartoons Featuring Children . . . . .	343
	<i>United States v. Christopher S. Handley</i> . . . . .	343
	<i>United States v. Dwight Edwin Whorley</i> . . . . .	345
§ 13.3	ELEMENTS OF CHILD PORNOGRAPHY OFFENSES . . . . .	347
1.	Distribution . . . . .	347
	<i>United States v. Joshua P. Navrestad</i> . . . . .	347
	<i>United States v. William Ralph Dodd</i> . . . . .	352
	Notes . . . . .	354
2.	Possession; Access with Intent to View . . . . .	354
	<i>United States v. Stuart Romm</i> . . . . .	355
	<i>United States v. Brian Bass</i> . . . . .	359
	<i>State v. Benjamin W. Mercer</i> . . . . .	362
	Notes . . . . .	368
§ 13.4	PROVING AT TRIAL THAT THE IMAGE DEPICTS A REAL CHILD . . . . .	368
	<i>United States v. Tom Vig</i> . . . . .	368
	<i>United States v. Anthony Marchand</i> . . . . .	370
	Notes . . . . .	376
§ 13.5	COMMON SEARCH AND SEIZURE ISSUES IN CHILD PORNOGRAPHY CASES . . . . .	377
1.	Probable Cause to Believe a Person Possesses Child Pornography . . . . .	378

---

## TABLE OF CONTENTS

a.	Subscribers of Child Pornography Web Sites .....	379
	Notes .....	380
b.	Retention Habits of Collectors .....	380
c.	Pedophile Profiles .....	381
	<i>United States v. Edward S. Macomber</i> .....	381
	Notes .....	384
d.	Staleness .....	384
	<i>United States v. William David Burkhardt</i> .....	386
	Notes .....	389
e.	Locating the Computer: IP Addresses; Screen Names; Nexus Questions .....	389
	<i>United States v. Javier Perez</i> .....	390
	Notes .....	391
2.	Sufficiency of the Descriptions of Sexual Activity in the Affidavit .....	393
	<i>United States v. Justin Barrett Hill</i> .....	393
	<i>United States v. Richard Genin</i> .....	394
	Notes .....	400
§ 13.6	SELF-PRODUCED CHILD PORNOGRAPHY AND SEXTING .....	400
	Mary Graw Leary, <i>Self-Produced Child Pornography: The Appropriate Societal Response to Juvenile Self-Sexual Exploitation</i> .....	400
	<i>Maryjo Miller v. Jeff Mitchell in His Official Capacity as District Attorney of Wyoming County, Pennsylvania</i> .....	404
	Notes .....	409
<b>Chapter 14</b>	<b>POLICING THE INTERNET FOR CRIMES INVOLVING EXPLOITATION OF CHILDREN .....</b>	<b>411</b>
§ 14.1	TRAVELER CASES .....	411
	<i>United States v. Erik D. Zahursky</i> .....	412
§ 14.2	USING A COMPUTER TO ENTOURAGE A CHILD; ENTRAPMENT .....	418
	<i>State v. James R. Pischel</i> .....	418
	<i>United States v. Mark Douglas Poehlman</i> .....	423
	Notes .....	430
§ 14.3	LIABILITY OF SOCIAL NETWORKING SITES .....	431
	<i>Julie Doe II, A Minor v. Myspace Incorporated</i> .....	431
<b>Chapter 15</b>	<b>PROPERTY CRIMES AND COMPUTER MISUSE ....</b>	<b>439</b>
§ 15.1	INTRODUCTION .....	439
§ 15.2	TRADITIONAL PROPERTY CRIMES .....	440
1.	Larceny and Theft .....	441
2.	Applying Traditional Views .....	442
	<i>Charles Walter Lund v. Commonwealth</i> .....	442

---

## TABLE OF CONTENTS

3.	<i>State v. Michael McGraw</i> .....	445
	Expanding the Concepts of “Property” and “Taking” .....	447
	<i>State v. Randal Lee Schwartz</i> .....	447
	<i>United States v. Bertram E. Seidlitz</i> .....	450
	Notes .....	452
<b>Chapter 16</b>	<b>COMPUTER SPECIFIC CRIMES: OBTAINING CONFIDENTIAL INFORMATION, UNAUTHORIZED ACCESS, FRAUD, AND DAMAGE .....</b>	<b>453</b>
§ 16.1	OVERVIEW: COMPUTER FRAUD AND ABUSE ACT — 18 U.S.C. § 1030 .....	453
§ 16.2	KEY DEFINITIONS OF THE CFAA .....	455
1.	Protected Computer .....	455
a.	Current Version of “Protected Computer” .....	455
	<i>United States v. Chad A. Powers</i> .....	456
b.	Evolution of the Types of Computers Protected .....	457
	<i>Shurgard Storage Centers, Inc. v. Safeguard Self Storage, Inc.</i> ..	457
2.	Intentional Access .....	459
a.	How to Restrict Access: Code-Based and Contract-Based Restrictions .....	459
	<i>Ef Cultural Travel BV v. Zefer Corporation</i> .....	460
	<i>United States v. Lori Drew</i> .....	462
	<i>United States v. Lori Drew</i> .....	462
	<i>State v. Anthony A. Allen</i> .....	463
	<i>State v. Joseph N. Riley</i> .....	466
3.	Without or in Excess of Authorization .....	467
a.	Agency Theory To Find Lack of Authorization .....	469
	<i>Shurgard Storage Centers, Inc. v. Safeguard Self Storage, Inc.</i> ..	469
b.	Rejection of Employee Breach of Duty as Basis .....	470
	<i>Bell Aerospace Services, Inc. v. U.S. Aero Services, Inc.</i> .....	471
c.	Non-Intended Use as Basis .....	473
	<i>United States v. Dimetriace Eva-Lavon John</i> .....	473
d.	Websites: Terms of Use and Technical Barriers .....	475
	<i>Facebook, Inc. v. Power Ventures, Inc.</i> .....	475
	<i>United States v. Lori Drew</i> .....	478
	Notes .....	486
§ 16.3	SPECIFIC SUB-SECTIONS OF § 1030 .....	486
1.	Obtaining Confidential Information .....	486
	<i>Brenda Czech v. Wall Street on Demand, Inc.</i> .....	487
2.	Trespassing into a Government Computer 18 U.S.C. § 1030(a)(3). ..	489
3.	Accessing to Defraud and Obtain Value 18 U.S.C. § 1030(a)(4). ..	490

---

## TABLE OF CONTENTS

	<i>United States v. Richard W. Czubinski</i> .....	492
4.	Damaging a Computer or Information 18 U.S.C. § 1030(a)(5) .....	494
	<i>United States v. Robert Tappan Morris</i> .....	498
	Notes .....	501
	<i>International Airport Centers v. Jacob Citrin</i> .....	501
	<i>United States v. Allan Carlson</i> .....	503
	<i>United States v. Nicholas Middleton</i> .....	505
	Notes .....	509
<b>Chapter 17</b>	<b>INTELLECTUAL PROPERTY THEFT</b> .....	<b>511</b>
§ 17.1	COPYRIGHT .....	511
1.	17 U.S.C. § 506(a) provides: .....	513
2.	Evolution of File Sharing .....	515
	<i>A&amp;M Records, Inc. v. Napster, Inc.</i> .....	515
	<i>Sandra Leigh King, While You Were Sleeping</i> .....	524
	Notes .....	531
3.	Illegal “Warez” Organizations and Internet Piracy .....	531
	Notes .....	534
§ 17.2	THE DIGITAL MILLENIUM COPYRIGHT ACT, 17 U.S.C. §§ 1201-05 .....	534
	<i>United States v. Elcom Ltd.</i> .....	536
1.	Example of Circumventing Access Controls .....	537
2.	Example of Trafficking .....	537
	<i>Universal City Studios, Inc. v. Eric Corley</i> .....	537
	Notes .....	543
3.	DMCA meets Video Gaming .....	543
	<i>Sandra Leigh King, While You Were Sleeping</i> .....	543
<b>Chapter 18</b>	<b>SPYWARE, ADWARE, MALWARE; PHISHING; SPAM; AND IDENTITY-RELATED CRIME</b> .....	<b>547</b>
§ 18.1	SPYWARE, ADWARE, MALWARE .....	547
	<i>People v. Direct Revenue</i> .....	549
	Notes .....	552
§ 18.2	PHISHING .....	555
	<i>Facebook, Inc. v. Jeremi Fisher</i> .....	555
	Notes .....	558
§ 18.3	SPAM .....	558
	<i>United States v. Jeffrey A. Kilbride</i> .....	563
	<i>United States v. Michael Steven Twombly</i> .....	567
	Notes .....	569
§ 18.4	IDENTITY-RELATED CRIME .....	570

---

## *TABLE OF CONTENTS*

---

<b>Chapter 19</b>	<b>OTHER CRIMES AGAINST PERSONS: CYBERBULLYING, THREATS, STALKING, HARASSMENT, AND DEFAMATION</b>	<b>577</b>
§ 19.1	CYBERBULLYING .....	578
	Questions .....	579
	Notes .....	583
§ 19.2	THREATS .....	584
	<i>People v. Alan Munn</i> .....	584
	<i>United States v. Abraham Jacob Alkhabaz</i> .....	586
	Notes .....	595
§ 19.3	STALKING AND HARASSMENT .....	596
1.	The Impact of Technology .....	596
2.	Criminalization of Harassment .....	601
	Susan W. Brenner & Megan Rehberg, “ <i>Kiddie CrimeThe Utility of Criminal Law in Controlling Cyberbullying</i> .....	601
	<i>State v. Ellison</i> .....	603
	<i>A.B. v. State</i> .....	605
	Susan W. Brenner & Megan Rehberg, “ <i>Kiddie CrimeThe Utility of Criminal Law in Controlling Cyberbullying</i> .....	608
	<i>People v. Darren S. Kochanowski</i> .....	611
	Notes .....	612
§ 19.4	DEFAMATION .....	613
	Susan W. Brenner & Megan Rehberg, “ <i>Kiddie CrimeThe Utility of Criminal Law in Controlling Cyberbullying</i> .....	613
	<i>Thomas Mink v. Susan Knox</i> .....	614
	Notes .....	620
<b>Chapter 20</b>	<b>SENTENCING .....</b>	<b>623</b>
§ 20.1	FEDERAL SENTENCING GUIDELINES — ENHANCEMENTS .....	623
1.	Use of Computer .....	624
	<i>United States v. Todd Franklin Lewis</i> .....	624
2.	Special Skills .....	626
	<i>United States v. Kent Aoki Lee</i> .....	626
	Notes .....	631
§ 20.2	SENTENCING IN CHILD PORNOGRAPHY CASES .....	631
	<i>United States v. Jerry Paull</i> .....	631
	<i>United States v. Justin K. Dorree</i> .....	635
§ 20.3	RESTRICTIONS ON INTERNET USE OR USING COMPUTERS .....	639

---

## **TABLE OF CONTENTS**

<i>United States v. Ronald Scott Paul</i> .....	639
<i>United States v. Mark Wayne Russell</i> .....	640
<i>United States v. Arthur William Heckman</i> .....	643
Notes .....	646
<b>TABLE OF CASES</b> .....	<b>TC-1</b>
<b>INDEX</b> .....	<b>I-1</b>