

Marshall University

Course Syllabus

Course Title/Number	CJ 424/524: Computer Crime
Semester/Year	Fall, 2017, CRN: 1694/1701
Days/Time	M 4:00 – 6:20 pm
Location	SH 418
Instructor	Margaret Phipps Brown
Office	Smith Hall 735, Marshall University, One John Marshall Drive, Huntington, WV 25755
Phone	304-696-3086
E-Mail	brownmp@marshall.edu
Office/Hours	Tuesday & Thursday 1:00 – 4:00 pm. Appointments at other hours or on other days are available by request.
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/?page_id=802 Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

Course Description: From Catalog

Students will identify and define criminal acts committed with computers or directed toward computer systems, electronic search and seizure and electronic evidence.

Required Texts, Additional Reading, and Other Materials

Kerr, Orin S. (2013). *Computer Crime Law* (3d ed.), St. Paul, MN: Thompson/West, with 2017 Statutory and Case Supplement.

Program Learning Outcomes

1. Students will *identify* the components, roles, and practices that are integral to the criminal justice system using specialized terminology.
2. Students will *interpret* scholarly research in the field of criminal justice/criminology and *describe* the limitations and/or potential policy implications.
3. Students will *examine* the principles of substantive, procedural, and evidentiary criminal law that regulate and guide the criminal justice system and its primary actors.
4. Students will *explain* the nature, extent, causation, and prevention of crime using theoretical foundations in criminal justice/criminology.
5. Students will *incorporate* information from relevant media sources to support a written product with citations that follow the *APA Publication Manual*.

The table below shows the following relationships: How each student learning outcomes will be practiced and assessed in the course.

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Students will be able to describe and explain the basic concepts of computer crime, including <ul style="list-style-type: none"> • Crimes committed with the use of computers, including computer misuse crimes and traditional crimes committed with the use of a computer • Sentencing issues in computer crimes • Electronic search and seizure issues • Introduction and use of electronic evidence in court • Statutory privacy protections related to computers • National security issues related to computer use 	<ul style="list-style-type: none"> • Readings in the textbook • Classroom discussion • Case Briefs • Homework Assignments 	<ul style="list-style-type: none"> • Exam questions • Case Briefs
Students will be able to read, interpret, and brief appellate court opinions	Case Briefs	<ul style="list-style-type: none"> • Case Briefs • Exam questions
Students will be able to describe the types of arguments made by both sides in computer criminal cases	<ul style="list-style-type: none"> • Readings in the textbook • Class discussion • Case Briefs • Homework assignments 	<ul style="list-style-type: none"> • Case Briefs • Exam questions

Course Requirements / Due Dates

<ol style="list-style-type: none"> 1. Case Briefs are due at the end of the class period on the day the case is discussed. In class work may be assigned. Late case briefs or in class assignments may not be made up and will not be accepted, without university excuse. 2. Homework assignments are due on the date indicated in the assignment. Late assignments may not be made up and will not be accepted, without university excuse. 3. Exam 1 will take place on October 16, 2017. 4. Final exam for Section 101 will take place on Monday, December 11, 2017 @ 4:00 pm.

Grading Policy

Exam 1 - 100 points	90-100% = A
Exam 2 (Final) – 100 points	80-89% = B
Case Briefs – 100 points	70-79% = C
Homework, in class assignments, participation – up to 100 points	60-69% = D
TOTAL POINTS POSSIBLE – up to 400	Below 60% = F

Graduate students will be required to complete an additional assignment, agreed upon between the student and the instructor, worth an additional 100 points, resulting in up to 500 points possible for graduate students.

Once assignments/exams are returned to students, it is the responsibility of the students to maintain those documents in case there is a discrepancy between my grade book and your actual grade. Please maintain your graded papers until you receive your final grade.

Academic Dishonesty

All students must be familiar with the university's policy concerning academic dishonesty. Academic dishonesty includes cheating, fabrication and falsification of data or information, plagiarism, bribes/favors/threats, and complicity with any of these activities. Students who violate this policy face sanctions included in the Academic Dishonesty Policy, including lowering of a grade on an assignment, lowering of a final grade, or failing the course.

Attendance Policy

Class attendance is not required. However, those students who want and/or expect to do well in the class should attend class regularly. If a student misses a class other than for a university excused absence, that student cannot make up any assignments completed in class or due on that day.

Classroom Rules

1. Be on time.
2. Be prepared.
3. Respect each other.
4. Never, ever cheat.
5. Put your cell phones away. This includes earphones.
6. Do not sleep in my class.

Violation of any of these rules will result in you being asked to leave the classroom for the remainder of the class period.

Course Schedule

Please note: This is a tentative outline. We may not cover every page of the reading on the date projected. This is a guess at the rate we will cover the material. EXAMS WILL BE GIVEN on the dates scheduled, unless at least one weeks' notice is given in class.	
Week 1- 8/21/17	
Chapter 1 – Introduction	pp. 1-7
Aug. 21-25: Late Registration and Schedule Adjustment August 26: Last day to add a class	
Week 2 – 8/28/17	
ASSIGNMENT # 1 Chapter 2 - Computer Misuse Crimes § A. Why Punish Computer Misuse? ASSIGNMENT # 2 § B. Property Crimes as a Response to Computer Misuse BRIEF: United States v. Seidlitz United States v. McGraw § C. Unauthorized Access Statutes 1. Introduction to Unauthorized Access Statutes ASSIGNMENT # 3 2. What is "Access"? BRIEF: State v. Riley 3. What is Authorization? The Case of Code-Based Restrictions BRIEF: United States v. Morris	
	pp. 8-51 Supp. 123-127
Aug. 28 – Oct. 27: "W" Withdrawal period (for individual classes)	
Week 3 – 9/4/17	
LABOR DAY HOLIDAY – UNIVERSITY CLOSED	
Week 4 – 9/11/17	
Chapter 2 - Computer Misuse Crimes (continued) § C. Unauthorized Access Statutes (continued) 4. What is Authorization? The Case of Contract-Based Restrictions 5. What is Authorization? The Case of Norms-Based Restrictions BRIEF: United States v. Nosal BRIEF: EF Cultural Travel BV v. Zefer Corp. § D. 18 U.S.C. § 1030(a)(2) and Its Felony Enhancements 1. 18 U.S.C. § 1030(a)(2) Misdemeanor Liability 2. 18 U.S.C. § 1030(a)(2) Felony Liability BRIEF: United States v. Batti § E. 18 U.S.C. § 1030(a)(4) and Computer Fraud Statutes BRIEF: United States v. Czubinski § F. 18 U.S.C. § 1030(a)(5) 1. 18 U.S.C. § 1030(A)(5) Misdemeanor Liability BRIEF: United States v. Carlson 2. 18 U.S.C. § 1030(a)(5) Felony Liability BRIEF: United States v. Middleton United States v. Sablan ASSIGNMENT # 4	
	pp. 51-135 Supp. 127-135
Sept. 15 Applications for December 2017 graduation due in Academic Dean's office	

Week 5 – 9/18/17	
1. Property Crimes BRIEF: <i>People v. Johnson</i> <i>United States v. Aleynikov</i> 2. The Economic Espionage Act BRIEF: <i>United States v. Genovese</i> BRIEF: <i>United States v. Aleynikov</i> 3. Identity Theft and Access Device Fraud BRIEF: <i>United States v. Barrington</i> 4. Copyright Law BRIEF: <i>United States v. Moran</i> <i>United States v. Armstead</i> <i>United States v. Shabazz</i>	pp. 136-201 Supp. 137-143
Sept. 22 Last day to drop first 8 weeks courses	
Week 6 – 9/25/17	
Chapter 3 - Traditional Crimes (continued) § B. Crimes against Persons 1. Threats and Harassment BRIEF: <i>Elonis v. United States (Supp.)</i> (Do NOT brief United States v. Alkhabaz in main text) <i>United States v. Carmichael</i> <i>United States v. White</i> <i>State v. Van Buren (Supp.)</i> 2. Invasion of Privacy Crimes § C. Vice Crimes 1. Internet Gambling BRIEF: <i>United States v. Cohen</i> 2. Obscenity BRIEF: <i>Miller v. California</i> <i>United States v. Extreme Associates, Inc.</i>	pp. 201-267 Supp. 143-160
Week 7 – 10/2/17	
Chapter 3 - Traditional Crimes (continued) § D. Child Exploitation Crimes 1. Child Pornography BRIEF: <i>United States v. Shaffer</i> <i>Barton v. State</i> <i>Ashcroft v. Free Speech Coalition</i> <i>United States v. Marchand</i> 2. Traveler Cases and Entrapment BRIEF: <i>State v. Davies</i> ASSIGNMENT # 5	pp. 267-327 Supp. 161-165

Week 8 – 10/9/17	
Chapter 4 - Sentencing § A. Are Computer Crimes Different? ASSIGNMENT # 6 BRIEF: <i>United States v. Lee</i> § B. Sentencing in Child Pornography Cases ASSIGNMENT # 7 § C. Sentencing in Computer Misuse Cases BRIEF: <i>United States v. Stratman (Supp.)</i> (Do NOT brief <i>United States v. Dihn</i> in main text) ASSIGNMENT # 8 § D. Supervised Release and Probation Restrictions BRIEF: <i>United States v. Paul</i> <i>United States v. Safsky</i> REVIEW for Exam 1	pp. 328-375 Supp. 167-173
Oct. 9: Freshmen/Sophomore midterm grades due	
Oct. 11: Mid-Term, first 8 weeks courses end	
Week 9 – 10/16/17	
Exam # 1	
Week 10 – 10/23/17	
Chapter 5 - The Fourth Amendment §A. The Requirement of Government Action BRIEF: <i>United States v. Jarrett</i> § B. Defining Searches and Seizures 1. Searches BRIEF: <i>United States v. David</i> 2. Seizures BRIEF: <i>United States v. Jefferson</i> § C. Exceptions to the Warrant Requirement 1. Exigent Circumstances BRIEF: <i>United States v. Trowbridge</i> 2. Consent BRIEF: <i>United States v. Al-Marri</i> ASSIGNMENT # 9 BRIEF: <i>United States v. Buckner</i> BRIEF: <i>United States v. Andrus</i>	pp. 376-445 Supp. 175-184
Oct. 23 Students should schedule appointments with advisers to prepare for advance registration	
Oct. 27 Last day to drop a full semester individual course	

Week 11 – 10/30/17	
Chapter 5 -The Fourth Amendment (continued) § C. Exceptions to the Warrant Requirement (continued) 3. Search Incident to Arrest BRIEF: <i>Riley v. California (Supp.)</i> (Do NOT brief Scholssberg v. Sollesbee in main text) 4. Border Searches BRIEF: <i>United States v. Cotterman (Supp.)</i> (Do NOT brief United States v. Arnold in main text) 5. Government Workplace Searches BRIEF: <i>Leventhal v. Knapek</i> § D. Searching and Seizing Computers with a Warrant 1. Probable Cause and Particularity BRIEF: <i>United States v. Adjani</i> ASSIGNMENT # 10 2. The Physical Search Stage BRIEF: <i>United States v. Hill</i> ASSIGNMENT # 11	pp. 452-504 Supp. 185-217
Oct. 30 Recommended date to apply for May, 2018 graduation	
Oct. 30 – Dec. 8: Complete Withdrawals only	
Week 12 – 11/6/17	
Chapter 5 - The Fourth Amendment (continued) § D. Searching and Seizing Computers with a Warrant (continued) 3. The Electronic Search Stage BRIEF: <i>United States v. Williams</i> 4. Ex Ante Restrictions on Computer Warrants BRIEF: <i>In re Application for Search Warrant . . . Edward Cunnius</i> BRIEF: <i>United States v. New York Telephone Company (Supp.)</i> 5. Encryption BRIEF: <i>In re Supboena Duces Tecum</i> § E. The Fourth Amendment and Computer Networks 1. Analogies to Speech, Letters, and Telephone Calls 2. Non-Content Information BRIEF: <i>United States v. Forrester</i> BRIEF: <i>United States v. Skinner (Supp.)</i> 3. Content Information BRIEF: <i>United States v. Warshak</i> BRIEF: <i>United States v. Arhndt (Supp.)</i>	pp. 504-573 Supp. 217-251
Nov. 6 – Nov. 17 Advance Registration for Spring Session for currently enrolled students	

Week 13 – 11/13/17	
Chapter 6 - Statutory Privacy Protections § A. The Wiretap Act 1. The Basic Structure BRIEF: <i>O'Brien v. O'Brien</i> 2. The Consent Exception BRIEF: <i>Griggs-Ryan v. Smith</i> ASSIGNMENT # 12 3. The Provider Exception BRIEF: <i>United States v. Auler</i> <i>United States v. McGrath</i> 4. The Computer Trespasses Exception ASSIGNMENT # 13	pp. 574-618 Supp. 253-260
Week 14 – 11/20/17	
THANKSGIVING BREAK – CLASSES DISMISSED Nov. 20– Nov. 27: <i>Thanksgiving Break – Classes Dismissed</i> Nov. 23 – Nov. 24: <i>University Closed</i>	
Week 15 – 11/27/17	
Chapter 6 - Statutory Privacy Protections (continued) § B. The Pen Register Statute BRIEF: <i>In re Application of the United States of America</i> ASSIGNMENT # 14 § C. The Stored Communications Act 1. The Basic Structure 2. Compelled Disclosure Under § 2703 BRIEF: <i>United States v. Weaver</i> 3. Voluntary Disclosure Under § 2703 BRIEF: <i>Anderson Consulting LLP v. UOP</i> <i>Jayne v. Sprint PCS</i> ASSIGNMENT # 15 § D. Problems ASSIGNMENT # 16	pp. 618-673 Supp. 260-264
Week 16 – 12/4/17	
Chapter 8 - National Security § A. The Fourth Amendment BRIEF: <i>United States v. United States District Court</i> § B. The Foreign Intelligence Surveillance Act § C. Use of FISA Evidence in Criminal Cases BRIEF: <i>United States v. Squillacote</i>	pp. 788-827
Review/Catch Up	
Dec. 4 – 8: <i>Dead Week</i>	
Dec. 8: <i>Last Class Day and Last Day to Completely Withdraw for Spring Semester</i>	
Week 17 – 12/11/17	
FINAL EXAM: Monday 12/11/17 @ 4:00 pm	

Assignments:

GENERAL INSTRUCTIONS FOR ASSIGNMENTS: Assignments are due as we cover the material in class (just like your case briefs). Late assignments will not be accepted, unless the student misses class due to a University excused absence. Unless otherwise noted, assignments should be typewritten, in 12 font, with 1 inch margins, and double spaced on 8½ by 11” white paper and should be approximately one page in length. Please be sure your name and the assignment number are in the upper right hand corner of your assignment.

- Assignment # 1: Compare and contrast the physical crime and the computer crime described on pp. 3-4 of your textbook. What, if anything, changes from the physical crime to the computer crime?
- Assignment # 2: Provide a reason (or reasons) to punish the offenders described in Problem 1 and Problem 2 on pp. 9-10 of your textbook. You may refer to the theories of punishment described on pp. 8-9, or other valid theories of punishment. Explain your reasoning.
- Assignment # 3: Review the provisions of 18 U.S.C. § 1030, starting on pp. 6-9 of the text supplement, and list the crimes defined in that section of the federal criminal code. You do not need to include the definitions of those crimes.
- Assignment # 4: Respond to the hypothetical cases described in note 3 on p. 130 of your textbook and explain your response.
- Assignment # 5: Answer the question contained in note # 3 on page 324 of your textbook and explain your answer.
- Assignment # 6: Read the excerpt of the Law Review article contained in your textbook on pp. 328-330. Then respond to the question contained in note # 2 on p. 331 of your textbook and explain your answer.
- Assignment # 7: Answer the question contained in note # 4 on p. 364 of your textbook and explain your answer.
- Assignment # 8: Answer the questions contained in note # 6 on pp. 429-430 of your textbook and explain your answers.
- Assignment # 9: Read the attached fact situation. Then, describe the premises to be searched.
- Assignment # 10: Read the attached fact situation. Then, describe the property to be seized.
- Assignment # 11: Answer the question contained in note # 5 on pp. 598 of your textbook and explain your answer.

- Assignment # 12: Respond to the hypothetical situation and questions contained in note in # 5 on pp. 617-618 of your textbook.
- Assignment # 13: Answer the questions contained in note # 11 on p. 671 of your textbook and explain your answer.
- Assignment # 14: Consider whether the investigations described in Problems 1, 2, and 3 on pp. 671-673 of your textbook violated any statutory privacy laws or the Fourth Amendment.

Assignments # 9 and #10
Bag and Tag Affidavit Exercise

Introduction of Affiant

Summary of Case

Beginning in approximately mid-December, 2012, the Smallville Police Department (SPD) has noticed an increase in the number of burglaries where high technology items have been stolen. The following burglaries in the city of Smallville have been reported to SPD:

<u>Date/ Time</u>	<u>Address</u>	<u>Items Reported Stole</u>
12/14/03 0400	123 Pine St	Desktop computer, DVD writer, software
12/17/03 2330	201A Spruce St.	Notebook computer, personal digital assistant
12/17/03 1735	112 Maple Ave.	Desktop computer, digital camera
12/20/03 0800	425 Poplar St.	2 desktop computers, 1 notebook, 2 digital cameras
12/24/03 0100	156 Main St.	3 Personal digital assistants, 3 desktop and 2 notebook computers

On December 18, 2012, your affiant Det. Jones, was assigned to conduct an investigation into this series of thefts. The following investigation was conducted by your affiant, within the City of Smallville, except where noted.

Probable Cause Statement

Between December 18 and December 30, 2012 your affiant contacted each of the reporting parties involved in the above listed thefts. Each victim provided a list of the items stolen and, where possible, a more exact description and serial number. Each was interviewed concerning possible connections to the other thefts. Four of the victims recalled either purchasing at least one item from Smallville Computer Sales (SCS) located at 250 Main St. Smallville, PA.

On or about January 1, 2013, Detective Wallace, SPD, contacted a confidential source of proven reliability, hereafter referred to as "CS1". CS1 advised as follows:

An individual known to CS1 as Roger Marks, has described a way in which CS1 could obtain a computer at a very good discount. Marks suggested to CS1 that he go onto E-Bay, an Internet online auction site and look for items being sold by an E-bay user named "marko13". If CS1 would tell Marks what items he wanted, CS1 could make sure that "marko 13" had it in stock. A very short deadline for bidding would be set and CS1 could likely get the merchandise for "pennies on the dollar". Marks said that he could

guarantee the quality and price of the merchandise purchased online and that “everybody would be protected” by such a purchase arrangement.

Between January 2 and January 10th, 2013, CS1, with the approval of the District Attorney’s Office, purchased a Sony digital camera from “marko 13”. The camera was received via UPS the following day.

Your affiant and Detective Wallace were present when CS1 opened the package received from “marko 13”. It contained a Sony Mavica camera, serial number 23460001. This camera matched the description and serial number of a camera stolen from 112 Maple St. on December 17, 2012.

On December 11, 2012, your affiant served, via facsimile, a subpoena upon E-Bay. This subpoena requested subscriber information concerning the identity of user “marko 13”. In response to this subpoena, E-Bay advised that “marko 13” provided the following information when he registered as an E-Bay user:

Name: Roger Marks
Address: 256 Railroad Ave.
Smallville, PA
Credit Card: 5555 4444 3455 9999
Email address: marko13@aol.com

E-Bay also advised that they maintain a listing of items sold by vendors on E-Bay and would make that available upon receiving a subpoena or search warrant.

On December 11, 2012, your affiant served, via facsimile, a subpoena upon America Online for subscriber information concerning marko13@aol.com. The information provided was identical with that provided by E-Bay. AOL also provided information concerning the way in which “marko13” was connecting to AOL. All of “marko 13”’s connections were through a single internet protocol (IP address) connection with the address of: 164.201.1.169. This number represents fixed address, similar to that of a street address. This number is assigned to Verizon DSL, Inc.

On January 19, 2012 your affiant served E-Bay with an additional subpoena requesting a listing of property sold and/or listed by “marko 13”. A review, by you affiant of the items sold or listed by “marko 13” include items which match all but one of the burglaries listed above and additional computers, digital cameras and personal organizers for which the Smallville Police do not have reports.

On January 19, 2013 your affiant served Verizon DSL with a subpoena concerning the subscriber whose IP address is 164.201.1.169. Verizon advised that that IP address has been assigned to Roger Marks, 256 Railroad Ave., Smallville, PA since June 30, 2012.

On January 18, 2013, your affiant checked the Pennsylvania Department of motor vehicles and verified that Roger Marks, a white, male, DOB XXXX resides at 256 Railroad Ave., Smallville. A further check of utilities confirmed this information.

Conclusion

Based on the forgoing, your affiant believes that: an individual, whose online identity is “marko 13”, is selling items of stolen property in violation of Pennsylvania law, that the identity of “marko 13” is Roger Marks, who has utilized a computer to facilitate the sale of said stolen property, from his home at 256 Railroad Ave., Smallville, PA, and that there is therefore probable cause to search for computers located at 256 Railroad Ave., Smallville, PA.

(Exercise borrowed from Mark Pollett, retired FBI agent.)

Assignment # 9: Your Assignment is to provide information that would be used in a search warrant to describe the location of the premises to be seized.

Assignment # 10: Your assignment is to provide a detailed list of the property to be seized.